

Record 1 of 50

Title: Effects of energy chirp on bunch length measurement in linear accelerator beams
Author(s): Sabato, L (Sabato, L.); Arpaia, P (Arpaia, P.); Giribono, A (Giribono, A.); Liccardo, A (Liccardo, A.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Vaccarezza, C (Vaccarezza, C.); Variola, A (Variola, A.)
Source: MEASUREMENT SCIENCE AND TECHNOLOGY **Volume:** 28 **Issue:** 8 **Article Number:** 084002 **DOI:** 10.1088/1361-6501/aa6c8a **Published:** AUG 2017
Accession Number: WOS:000405665900002
ISSN: 0957-0233
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Record 2 of 50

Title: Misalignment measurement of femtosecond electron bunches with THz repetition rate
Author(s): Zhu, J (Zhu, J.); Chiadroni, E (Chiadroni, E.); Assmann, R (Assmann, R.); Bellaveglia, M (Bellaveglia, M.); Cianchi, A (Cianchi, A.); Ferrario, M (Ferrario, M.); Giribono, A (Giribono, A.); Marchetti, B (Marchetti, B.); Mostacci, A (Mostacci, A.); Piersanti, L (Piersanti, L.); Pompili, R (Pompili, R.); Villa, F (Villa, F.)
Source: PHYSICAL REVIEW ACCELERATORS AND BEAMS **Volume:** 20 **Issue:** 4 **Article Number:** 042801 **DOI:** 10.1103/PhysRevAccelBeams.20.042801 **Published:** APR 26 2017
Accession Number: WOS:000400245800001
ISSN: 2469-9888

Record 3 of 50

Title: Design of high gradient, high repetition rate damped C-band rf structures
Author(s): Alesini, D (Alesini, David); Bellaveglia, M (Bellaveglia, Marco); Bini, S (Bini, Simone); Gallo, A (Gallo, Alessandro); Lollo, V (Lollo, Valerio); Pellegrino, L (Pellegrino, Luigi); Piersanti, L (Piersanti, Luca); Cardelli, F (Cardelli, Fabio); Migliorati, M (Migliorati, Mauro); Mostacci, A (Mostacci, Andrea); Palumbo, L (Palumbo, Luigi); Tocci, S (Tocci, Simone); Ficcadenti, L (Ficcadenti, Luca); Pettinacci, V (Pettinacci, Valerio)
Source: PHYSICAL REVIEW ACCELERATORS AND BEAMS **Volume:** 20 **Issue:** 3 **Article Number:** 032004 **DOI:** 10.1103/PhysRevAccelBeams.20.032004 **Published:** MAR 8 2017
Accession Number: WOS:000396059300001
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Record 4 of 50

Title: Experimental characterization of active plasma lensing for electron beams
Author(s): Pompili, R (Pompili, R.); Anania, MP (Anania, M. P.); Bellaveglia, M (Bellaveglia, M.); Biagioni, A (Biagioni, A.); Bini, S (Bini, S.); Bisesto, F (Bisesto, F.); Brentegani, E (Brentegani, E.); Castorina, G (Castorina, G.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Croia, M (Croia, M.); Di Giovenale, D (Di Giovenale, D.); Ferrario, M (Ferrario, M.); Filippi, F (Filippi, F.); Giribono, A (Giribono, A.); Lollo, V (Lollo, V.); Marocchino, A (Marocchino, A.); Marongiu, M (Marongiu, M.); Mostacci, A (Mostacci, A.); Di Pirro, G (Di Pirro, G.); Romeo, S (Romeo, S.); Rossi, AR (Rossi, A. R.); Scifo, J (Scifo, J.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.); Zigler, A (Zigler, A.)
Source: APPLIED PHYSICS LETTERS **Volume:** 110 **Issue:** 10 **Article Number:** 104101 **DOI:** 10.1063/1.4977894 **Published:** MAR 6 2017
Accession Number: WOS:000397871800058
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eISSN: 1077-3118

Record 5 of 50

Title: Impedance simulations and measurements on the LHC collimators with embedded beam position monitors
Author(s): Biancacci, N (Biancacci, N.); Caspers, F (Caspers, F.); Kuczerowski, J (Kuczerowski, J.); Metral, E (Metral, E.); Mounet, N (Mounet, N.); Salvant, B (Salvant, B.); Mostacci, A (Mostacci, A.); Frasciello, O (Frasciello, O.); Zobov, M (Zobov, M.)
Source: PHYSICAL REVIEW ACCELERATORS AND BEAMS **Volume:** 20 **Issue:** 1 **Article Number:** 011003 **DOI:** 10.1103/PhysRevAccelBeams.20.011003 **Published:** JAN 12 2017
Accession Number: WOS:000391941600001
ISSN: 2469-9888

Record 6 of 50

Title: Spectroscopic measurements of plasma emission light for plasma-based acceleration experiments
Author(s): Filippi, F (Filippi, F.); Anania, MP (Anania, M. P.); Biagioni, A (Biagioni, A.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ferrario, M (Ferrario, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Zigler, A (Zigler, A.)
Source: JOURNAL OF INSTRUMENTATION **Volume:** 11 **Article Number:** C09015 **DOI:** 10.1088/1748-0221/11/09/C09015 **Published:** SEP 2016
Accession Number: WOS:000387862200015
Conference Title: 4th International Conference on Frontiers in Diagnostics Technologies
Conference Date: MAR 30-APR 01, 2016
Conference Location: Frascati, ITALY
ISSN: 1748-0221

Record 7 of 50

Title: Beam manipulation with velocity bunching for PWFA applications
Author(s): Pompili, R (Pompili, R.); Anania, MP (Anania, M. P.); Bellaveglia, M (Bellaveglia, M.); Biagioni, A (Biagioni, A.); Bisesto, F (Bisesto, F.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Croia, M (Croia, M.); Curcio, A (Curcio, A.); Di Giovenale, D (Di Giovenale, D.); Ferrario, M (Ferrario, M.); Filippi, F (Filippi, F.); Galletti, M (Galletti, M.); Gallo, A (Gallo, A.); Giribono, A (Giribono, A.); Li, W (Li, W.); Marocchino, A (Marocchino, A.); Mostacci, A (Mostacci, A.); Petrarca, M (Petrarca, M.); Petrillo, V (Petrillo, V.); Di Pirro, G (Di Pirro, G.); Romeo, S (Romeo, S.); Rossi, AR (Rossi, A. R.); Scifo, J (Scifo, J.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.); Zhu, J (Zhu, J.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 829 **Pages:** 17-23 **DOI:** 10.1016/j.nima.2016.01.061 **Published:** SEP 1 2016
Accession Number: WOS:000379144100003
Conference Title: 2nd Workshop on European Advanced Accelerator Concepts (EAAC)
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Conference Location: INFN, ITALY
Conference Sponsors: Amplitude, Ocem, RadiaBeam, EuroNNAc2 Network, EuCARD 2 Project, DESY, CERN
Conference Host: INFN
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Record 8 of 50

Title: Stability study for matching in laser driven plasma acceleration
Author(s): Rossi, AR (Rossi, A. R.); Anania, MP (Anania, M. P.); Bacci, A (Bacci, A.); Belleveglia, M (Belleveglia, M.); Bisesto, FG (Bisesto, F. G.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Curcio, A (Curcio, A.); Gallo, A (Gallo, A.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Marocchino, A (Marocchino, A.); Massimo, F (Massimo, F.); Mostacci, A (Mostacci, A.); Petrarca, M (Petrarca, M.); Pompili, R (Pompili, R.); Serafini, L (Serafini, L.); Tomassini, P (Tomassini, P.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 829 **Pages:** 67-72 **DOI:** 10.1016/j.nima.2016.02.015 **Published:** SEP 1 2016
Accession Number: WOS:000379144100013
Conference Title: 2nd Workshop on European Advanced Accelerator Concepts (EAAC)
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Conference Location: INFN, ITALY
Conference Sponsors: Amplitude, Ocem, RadiaBeam, EuroNNAc2 Network, EuCARD 2 Project, DESY, CERN
Conference Host: INFN
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Record 9 of 50

Title: The SPARC_LAB Thomson source
Author(s): Vaccarezza, C (Vaccarezza, C.); Alesini, D (Alesini, D.); Anania, MP (Anania, M. P.); Bacci, A (Bacci, A.); Biagioni, A (Biagioni, A.); Bisesto, E (Bisesto, E.); Bellaveglia, M (Bellaveglia, M.); Cardarelli, P (Cardarelli, P.); Cardelli, F (Cardelli, F.); Cianchi, A (Cianchi, A.); Chiadroni, E (Chiadroni, E.); Croia, M (Croia, M.); Curcio, A (Curcio, A.); Delogu, P (Delogu, P.); Di Giovenale, D (Di Giovenale, D.); Di Domenico, G (Di Domenico, G.); Di Pirro, G (Di Pirro, G.); Drebot, I (Drebot, I.); Ferrario, M (Ferrario, M.); Filippi, F (Filippi, F.); Gallo, A (Gallo, A.); Galletti, M (Galletti, M.); Gambaccini, M (Gambaccini, M.); Giribono, A (Giribono, A.); Golosio, B (Golosio, B.); Li, W (Li, W.); Mostacci, A (Mostacci, A.); Oliva, P (Oliva, P.); Palmer, D (Palmer, D.); Petrillo, V (Petrillo, V.); Petrarca, M (Petrarca, M.); Pioli, S (Pioli, S.); Piersanti, L (Piersanti, L.); Pompili, R (Pompili, R.); Romeo, S (Romeo, S.); Rossi, AR (Rossi, A. R.); Scifo, J (Scifo, J.); Serafini, L (Serafini, L.); Suliman, G (Suliman, G.); Villa, F (Villa, F.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 829 **Pages:** 237-242 **DOI:** 10.1016/j.nima.2016.01.089 **Published:** SEP 1 2016
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Conference Host: INFN
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Record 10 of 50

Title: Laser-capillary interaction for the EXIN project
Author(s): Bisesto, FG (Bisesto, F. G.); Anania, MP (Anania, M. P.); Bacci, AL (Bacci, A. L.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Curcio, A (Curcio, A.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Galletti, M (Galletti, M.); Gallo, A (Gallo, A.); Ghigo, A (Ghigo, A.); Marocchino, A (Marocchino, A.); Mostacci, A (Mostacci, A.); Petrarca, M (Petrarca, M.); Pompili, R (Pompili, R.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.); Vaccarezz, C (Vaccarezz, C.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 829 **Pages:** 309-313 **DOI:** 10.1016/j.nima.2016.01.037 **Published:** SEP 1 2016
Accession Number: WOS:000379144100062
Conference Title: 2nd Workshop on European Advanced Accelerator Concepts (EAAC)
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Conference Location: INFN, ITALY
Conference Sponsors: Amplitude, Ocem, RadiaBeam, EuroNNAc2 Network, EuCARD 2 Project, DESY, CERN
Conference Host: INFN
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Record 11 of 50

Title: Plasma density characterization at SPARC LAB through Stark broadening of Hydrogen spectral lines
Author(s): Filippi, F (Filippi, F.); Anania, MP (Anania, M. P.); Bellaveglia, M (Bellaveglia, M.); Biagioni, A (Biagioni, A.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); DiGiovenale, D (DiGiovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Pompili, R (Pompili, R.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.); Zigler, A (Zigler, A.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 829 **Pages:** 326-329 **DOI:** 10.1016/j.nima.2016.02.071 **Published:** SEP 1 2016
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Conference Title: 2nd Workshop on European Advanced Accelerator Concepts (EAAC)
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Conference Host: INFN
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Record 12 of 50

Title: Femtosecond timing-jitter between photo-cathode laser and ultra-short electron bunches by means of hybrid compression
Author(s): Pompili, R (Pompili, R.); Anania, MP (Anania, M. P.); Bellaveglia, M (Bellaveglia, M.); Biagioni, A (Biagioni, A.); Castorina, G (Castorina, G.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Croia, M (Croia, M.); Di Giovenale, D (Di Giovenale, D.); Ferrario, M (Ferrario, M.); Filippi, F (Filippi, F.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Giorgianni, F (Giorgianni, F.); Giribono, A (Giribono, A.); Li, W (Li, W.); Lupi, S (Lupi, S.); Mostacci, A (Mostacci, A.); Petrarca, M (Petrarca, M.); Piersanti, L (Piersanti, L.); Di Pirro, G (Di Pirro, G.); Romeo, S (Romeo, S.); Scifo, J (Scifo, J.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
Source: NEW JOURNAL OF PHYSICS **Volume:** 18 **Article Number:** 083033 **DOI:** 10.1088/1367-2630/18/8/083033 **Published:** AUG 12 2016
Accession Number: WOS:000393041400003
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Record 13 of 50

Title: Electron density measurement in gas discharge plasmas by optical and acoustic methods
Author(s): Biagioni, A (Biagioni, A.); Anania, MP (Anania, M. P.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Filippi, F (Filippi, F.); Mostacci, A (Mostacci, A.); Pompili, R (Pompili, R.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.); Zigler, A (Zigler, A.)
Source: JOURNAL OF INSTRUMENTATION **Volume:** 11 **Article Number:** C08003 **DOI:** 10.1088/1748-0221/11/08/C08003 **Published:** AUG 2016
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Record 14 of 50

Title: Strong nonlinear terahertz response induced by Dirac surface states in Bi2Se3 topological insulator
Author(s): Giorgianni, F (Giorgianni, Flavio); Chiadroni, E (Chiadroni, Enrica); Rovere, A (Rovere, Andrea); Cestelli-Guidi, M (Cestelli-Guidi, Mariangela); Perucchi, A (Perucchi, Andrea); Bellaveglia, M (Bellaveglia, Marco); Castellano, M (Castellano, Michele); Di Giovenale, D (Di Giovenale, Domenico); Di Pirro, G (Di Pirro, Giampiero); Ferrario, M (Ferrario, Massimo); Pompili, R (Pompili, Riccardo); Vaccarezza, C (Vaccarezza, Cristina); Villa, F (Villa, Fabio); Cianchi, A (Cianchi, Alessandro); Mostacci, A (Mostacci, Andrea); Petrarca, M (Petrarca, Massimo); Brahlek, M (Brahlek, Matthew); Koirala, N (Koirala, Nikesh); Oh, S (Oh, Seongshik); Lupi, S (Lupi, Stefano)
Source: NATURE COMMUNICATIONS **Volume:** 7 **Article Number:** 11421 **DOI:** 10.1038/ncomms11421 **Published:** APR 2016
Accession Number: WOS:000374895200001
PubMed ID: 27113395
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Record 15 of 50

Title: Parametric study of transport beam lines for electron beams accelerated by laser-plasma interaction
Author(s): Sciscio, M (Sciscio, M.); Lancia, L (Lancia, L.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Papaphilippou, Y (Papaphilippou, Y.); Antici, P (Antici, P.)
Source: JOURNAL OF APPLIED PHYSICS **Volume:** 119 **Issue:** 9 **Article Number:** 094905 **DOI:** 10.1063/1.4942626 **Published:** MAR 7 2016
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Record 16 of 50

Title: Tailoring of Highly Intense THz Radiation Through High Brightness Electron Beams Longitudinal Manipulation
Author(s): Giorgianni, F (Giorgianni, Flavio); Anania, MP (Anania, Maria Pia); Bellaveglia, M (Bellaveglia, Marco); Biagioni, A (Biagioni, Angelo); Chiadroni, E (Chiadroni, Enrica); Cianchi, A (Cianchi, Alessandro); Daniele, M (Daniele, Maddalena); Del Franco, M (Del Franco, Mario); Di Giovenale, D (Di Giovenale, Domenico); Di Pirro, G (Di Pirro, Giampiero); Ferrario, M (Ferrario, Massimo); Lupi, S (Lupi, Stefano); Mostacci, A (Mostacci, Andrea); Petrarca, M (Petrarca, Massimo); Pioli, S (Pioli, Stefano); Pompili, R (Pompili, Riccardo); Shpakov, V (Shpakov, Vladimir); Vaccarezza, C (Vaccarezza, Cristina); Villa, F (Villa, Fabio)
Source: APPLIED SCIENCES-BASEL **Volume:** 6 **Issue:** 2 **DOI:** 10.3390/app6020056 **Published:** FEB 2016
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Record 17 of 50

Title: Six-dimensional measurements of trains of high brightness electron bunches
Author(s): Cianchi, A (Cianchi, A.); Alesini, D (Alesini, D.); Anania, MP (Anania, M. P.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, GP (Di Pirro, G. P.); Ferrario, M (Ferrario, M.); Gallo, A (Gallo, A.); Innocenti, L (Innocenti, L.); Mostacci, A (Mostacci, A.); Pompili, R (Pompili, R.); Rossi, AR (Rossi, A. R.); Scifo, J (Scifo, J.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 18 **Issue:** 8 **Article Number:** 082804 **DOI:** 10.1103/PhysRevSTAB.18.082804 **Published:** AUG 31 2015
Accession Number: WOS:000360272900005
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Record 18 of 50

Title: Pre-wave zone studies of Coherent Transition and Diffraction Radiation
Author(s): Shpakov, V (Shpakov, V.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Dabagov, S (Dabagov, S.); Di Giovenale, D (Di Giovenale, D.); Ferrario, M (Ferrario, M.); Giorgianni, F (Giorgianni, F.); Lupi, S (Lupi, S.); Mostacci, A (Mostacci, A.); Petrarca, M (Petrarca, M.); Di Pirro, G (Di Pirro, G.); Pompili, R (Pompili, R.); Villa, F (Villa, F.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS **Volume:** 355 **Pages:** 144-149 **DOI:** 10.1016/j.nimb.2015.03.047 **Published:** JUL 15 2015
Accession Number: WOS:000357242300032
Conference Title: 6th International Conference Channeling: Charged and Neutral Particles Channeling Phenomena
Conference Date: OCT 05-10, 2014
Conference Location: Capri, ITALY
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Record 19 of 50

Title: Coherence properties and diagnostics of betatron radiation emitted by an externally-injected electron beam propagating in a plasma channel
Author(s): Paroli, B (Paroli, B.); Chiadroni, E (Chiadroni, E.); Ferrario, M (Ferrario, M.); Mostacci, A (Mostacci, A.); Petrillo, V (Petrillo, V.); Potenza, MAC (Potenza, M. A. C.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS **Volume:** 355 **Pages:** 217-220 **DOI:** 10.1016/j.nimb.2015.03.070 **Published:** JUL 15 2015
Accession Number: WOS:000357242300048
Conference Title: 6th International Conference Channeling: Charged and Neutral Particles Channeling Phenomena
Conference Date: OCT 05-10, 2014
Conference Location: Capri, ITALY
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eISSN: 1872-9584

Record 20 of 50

Title: Novel schemes for the optimization of the SPARC narrow band THz source
Author(s): Marchetti, B (Marchetti, B.); Bacci, A (Bacci, A.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ferrario, M (Ferrario, M.); Mostacci, A (Mostacci, A.);

Pompili, R (Pompili, R.); Ronsivalle, C (Ronsivalle, C.); Spataro, B (Spataro, B.); Zagorodnov, I (Zagorodnov, I.)
Source: REVIEW OF SCIENTIFIC INSTRUMENTS **Volume:** 86 **Issue:** 7 **Article Number:** 073301 **DOI:** 10.1063/1.4922882 **Published:** JUL 2015
Accession Number: WOS:000358934400028
PubMed ID: 26233366
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Mostacci, Andrea		0000-0002-4407-7312
Pompili, Riccardo		0000-0002-1429-6143

ISSN: 0034-6748
eISSN: 1089-7623

Record 21 of 50

Title: Two-Color Radiation Generated in a Seeded Free-Electron Laser with Two Electron Beams
Author(s): Petralia, A (Petralia, A.); Anania, MP (Anania, M. P.); Artioli, M (Artioli, M.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Carpanese, M (Carpanese, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ciocci, F (Ciocci, F.); Dattoli, G (Dattoli, G.); Di Giovenale, D (Di Giovenale, D.); Di Palma, E (Di Palma, E.); Di Pirro, GP (Di Pirro, G. P.); Ferrario, M (Ferrario, M.); Giannessi, L (Giannessi, L.); Innocenti, L (Innocenti, L.); Mostacci, A (Mostacci, A.); Petrillo, V (Petrillo, V.); Pompili, R (Pompili, R.); Rau, JV (Rau, J. V.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.); Sabia, E (Sabia, E.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
Source: PHYSICAL REVIEW LETTERS **Volume:** 115 **Issue:** 1 **Article Number:** 014801 **DOI:** 10.1103/PhysRevLett.115.014801 **Published:** JUN 30 2015
Accession Number: WOS:000357095400005
PubMed ID: 26182099
Author Identifiers:

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eISSN: 1079-7114

Record 22 of 50

Title: Intense terahertz pulses from SPARC_LAB coherent radiation source
Author(s): Giorgianni, F (Giorgianni, F.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Daniele, M (Daniele, M.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Lupi, S (Lupi, S.); Mostacci, A (Mostacci, A.); Petrarca, M (Petrarca, M.); Pompili, R (Pompili, R.); Shpakov, V (Shpakov, V.); Villa, F (Villa, F.)
Edited by: Jaroszynski DA
Source: RELATIVISTIC PLASMA WAVES AND PARTICLE BEAMS AS COHERENT AND INCOHERENT RADIATION SOURCES **Book Series:** Proceedings of SPIE **Volume:** 9509 **Article Number:** 950900 **DOI:** 10.1117/12.2178970 **Published:** 2015
Accession Number: WOS:000357641000009
Conference Title: Conference on Relativistic Plasma Waves and Particle Beams as Coherent and Incoherent Radiation Sources
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Conference Location: Prague, CZECH REPUBLIC
Conference Sponsors: SPIE
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Record 23 of 50

Title: The SPARC_LAB femtosecond synchronization for electron and photon pulsed beams
Author(s): Bellaveglia, M (Bellaveglia, M.); Anania, MP (Anania, M. P.); Biagioni, A (Biagioni, A.); Chiadroni, E (Chiadroni, E.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Mostacci, A (Mostacci, A.); Petrarca, M (Petrarca, M.); Piersanti, L (Piersanti, L.); Pompili, R (Pompili, R.); Villa, F (Villa, F.)
Edited by: Biedron SG
Source: ADVANCES IN X-RAY FREE-ELECTRON LASERS INSTRUMENTATION III **Book Series:** Proceedings of SPIE **Volume:** 9512 **Article Number:** 95120V **DOI:** 10.1117/12.2185103 **Published:** 2015
Accession Number: WOS:000356925200019
Conference Title: 3rd SPIE Conference on Advances in X-Ray Free-Electron Lasers Instrumentation
Conference Date: APR 13-16, 2015
Conference Location: Prague, CZECH REPUBLIC
Conference Sponsors: SPIE
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Record 24 of 50
Title: 6D electron beam diagnostics at SPARCLAB
Author(s): Cianchi, A (Cianchi, A.); Anania, MP (Anania, M. P.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, GP (Di Pirro, G. P.); Ferrario, M (Ferrario, M.); Innocenti, L (Innocenti, L.); Mostacci, A (Mostacci, A.); Pompili, R (Pompili, R.); Rossi, AR (Rossi, A. R.); Shpakov, V (Shpakov, V.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
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Record 25 of 50
Title: Segmented undulator operation at the SPARC-FEL test facility
Author(s): Ciocci, F (Ciocci, Franco); Anania, MP (Anania, Maria Pia); Artioli, M (Artioli, Marcello); Bellaveglia, M (Bellaveglia, Marco); Carpanese, M (Carpanese, Mariano); Chiadroni, E (Chiadroni, Enrica); Cianchi, A (Cianchi, Alessandro); Dattoli, G (Dattoli, Giuseppe); Di Giovenale, D (Di Giovenale, Domenico); Di Palma, E (Di Palma, Emanuele); Di Pirro, G (Di Pirro, Giampiero); Ferrario, M (Ferrario, Massimo); Mostacci, A (Mostacci, Andrea); Petralia, A (Petralia, Alberto); Petrillo, V (Petrillo, Vittoria); Pompili, R (Pompili, Riccardo); Sabia, E (Sabia, Elio); Spassovsky, I (Spassovsky, Ivan); Surrenti, V (Surrenti, Vincenzo); Vaccarezza, C (Vaccarezza, Cristina); Villa, F (Villa, Fabio)
Edited by: Biedron SG
Source: ADVANCES IN X-RAY FREE-ELECTRON LASERS INSTRUMENTATION III **Book Series:** Proceedings of SPIE **Volume:** 9512 **Article Number:** 951203 **DOI:** 10.1117/12.2185099 **Published:** 2015
Accession Number: WOS:000356925200003
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Record 26 of 50
Title: Operational experience on the generation and control of high brightness electron bunch trains at SPARC-LAB
Author(s): Mostacci, A (Mostacci, A.); Alesini, D (Alesini, D.); Anania, MP (Anania, M. P.); Bacci, A (Bacci, A.); Biagioni, A (Biagioni, A.); Bellaveglia, M (Bellaveglia, M.); Cardelli, F (Cardelli, F.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Croia, M (Croia, M.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, GP (Di Pirro, G. P.); Ferrario, M (Ferrario, M.); Filippi, F (Filippi, F.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Giribono, A (Giribono, A.); Innocenti, L (Innocenti, L.); Marocchino, A (Marocchino, A.); Petrarca, M (Petrarca, M.); Piersanti, L (Piersanti, L.); Pioli, S (Pioli, S.); Pompili, R (Pompili, R.); Romeo, S (Romeo, S.); Rossi, AR (Rossi, A. R.); Shpakov, V (Shpakov, V.); Scifo, J (Scifo, J.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.); Weiwei, L (Weiwei, L.)
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Source: ADVANCES IN X-RAY FREE-ELECTRON LASERS INSTRUMENTATION III **Book Series:** Proceedings of SPIE **Volume:** 9512 **Article Number:** 95121Q **DOI:** 10.1117/12.2182566 **Published:** 2015
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Record 27 of 50
Title: Seeded FEL with two energy level electron beam distribution at SPARC_lab
Author(s): Villa, F (Villa, Fabio); Alesini, D (Alesini, David); Anania, MP (Anania, Maria Pia); Artioli, M (Artioli, Marcello); Bacci, A (Bacci, Alberto); Bellaveglia, M (Bellaveglia, Marco); Carpanese, M (Carpanese, Mariano); Castellano, M (Castellano, Michele); Cianchi, A (Cianchi, Alessandro); Ciocci, F (Ciocci, Franco); Chiadroni, E (Chiadroni, Enrica); Dattoli, G (Dattoli, Giuseppe); Di Giovenale, D (Di Giovenale, Domenico); Di Palma, E (Di Palma, Emanuele); Di Pirro, G (Di Pirro, Giampiero); Ferrario, M (Ferrario, Massimo); Filippi, F (Filippi, Francesco); Gallo, A (Gallo, Alessandro); Gatti, G (Gatti, Giancarlo); Giannessi, L (Giannessi, Luca); Giribono, A (Giribono, Anna); Innocenti, L (Innocenti, Luca); Mirian, NS (Mirian, Najmeh Sada); Mostacci, A (Mostacci, Andrea); Petralia, A (Petralia, Alberto); Petrillo, V (Petrillo, Vittoria); Pompili, R (Pompili, Riccardo); Rau, JV (Rau, Julietta V.); Romeo, S (Romeo, Stefano); Rossi, AR (Rossi, Andrea R.); Sabia, E (Sabia, Elio); Shpakov, V (Shpakov, Vladimir); Spassovsky, IP (Spassovsky, Ivan P.); Vaccarezza, C (Vaccarezza, Cristina)

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Record 28 of 50

Title: Mapping the transverse coherence of the self amplified spontaneous emission of a free-electron laser with the heterodyne speckle method
Author(s): Alaimo, MD (Alaimo, Matteo D.); Anania, MP (Anania, Maria Pia); Artioli, M (Artioli, Marcello); Bacci, A (Bacci, Alberto); Bellaveglia, M (Bellaveglia, Marco); Ciocci, F (Ciocci, Franco); Chiadroni, E (Chiadroni, Enrica); Cianchi, A (Cianchi, Alessandro); Dattoli, G (Dattoli, Giuseppe); Di Pirro, G (Di Pirro, Giampiero); Ferrario, M (Ferrario, Massimo); Gatti, G (Gatti, Giancarlo); Giannessi, L (Giannessi, Luca); Manfreda, M (Manfreda, Michele); Martucci, R (Martucci, Roberta); Mostacci, A (Mostacci, Andrea); Paroli, B (Paroli, Bruno); Petralia, A (Petralia, Alberto); Petrillo, V (Petrillo, Vittoria); Pompili, R (Pompili, Riccardo); Potenza, MAC (Potenza, Marco A. C.); Quattormini, M (Quattormini, Marcello); Rau, J (Rau, Julietta); Redoglio, D (Redoglio, Daniele); Rossi, AR (Rossi, Andrea R.); Serafini, L (Serafini, Luca); Surrenti, V (Surrenti, Vincenzo); Torre, A (Torre, Amalia); Vaccarezza, C (Vaccarezza, Cristina); Villa, F (Villa, Fabio)
Source: OPTICS EXPRESS **Volume:** 22 **Issue:** 24 **Pages:** 30013-30023 **DOI:** 10.1364/OE.22.030013 **Published:** DEC 1 2014
Accession Number: WOS:000345770500069
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Record 29 of 50

Title: Self-amplified spontaneous emission free electron laser devices and nonideal electron beam transport
Author(s): Lazzarino, LL (Lazzarino, L. L.); Di Palma, E (Di Palma, E.); Anania, MP (Anania, M. P.); Artioli, M (Artioli, M.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ciocci, F (Ciocci, F.); Dattoli, G (Dattoli, G.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Giannessi, L (Giannessi, L.); Mostacci, A (Mostacci, A.); Musumeci, P (Musumeci, P.); Petralia, A (Petralia, A.); Petrillo, V (Petrillo, V.); Pompili, R (Pompili, R.); Rau, JV (Rau, J. V.); Rossi, AR (Rossi, A. R.); Sabia, E (Sabia, E.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 17 **Issue:** 11 **Article Number:** 110706 **DOI:** 10.1103/PhysRevSTAB.17.110706 **Published:** NOV 21 2014
Accession Number: WOS:000345745900001
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Record 30 of 50

Title: Dosimetry of very high energy electrons (VHEE) for radiotherapy applications: using radiochromic film measurements and Monte Carlo simulations
Author(s): Subiel, A (Subiel, A.); Moskvina, V (Moskvina, V.); Welsh, GH (Welsh, G. H.); Cipiccia, S (Cipiccia, S.); Reboredo, D (Reboredo, D.); Evans, P (Evans, P.); Partridge, M (Partridge, M.); DesRosiers, C (DesRosiers, C.); Anania, MP (Anania, M. P.); Cianchi, A (Cianchi, A.); Mostacci, A (Mostacci, A.); Chiadroni, E (Chiadroni, E.); Di Giovenale, D (Di Giovenale, D.); Villa, F (Villa, F.); Pompili, R (Pompili, R.); Ferrario, M (Ferrario, M.); Belleveglia, M (Belleveglia, M.); Di Pirro, G (Di Pirro, G.); Gatti, G (Gatti, G.); Vaccarezza, C (Vaccarezza, C.); Seitz, B (Seitz, B.); Isaac, RC (Isaac, R. C.); Brunetti, E (Brunetti, E.); Wiggins, SM (Wiggins, S. M.); Ersfeld, B (Ersfeld, B.); Islam, MR (Islam, M. R.); Mendonca, MS (Mendonca, M. S.); Sorensen, A (Sorensen, A.); Boyd, M (Boyd, M.); Jaroszynski, DA (Jaroszynski, D. A.)
Source: PHYSICS IN MEDICINE AND BIOLOGY **Volume:** 59 **Issue:** 19 **Pages:** 5811-5829 **DOI:** 10.1088/0031-9155/59/19/5811 **Published:** OCT 7 2014
Accession Number: WOS:000342356800014
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Record 31 of 50

Title: Large-bandwidth two-color free-electron laser driven by a comb-like electron beam

Author(s): Ronsivalle, C (Ronsivalle, C.); Anania, MP (Anania, M. P.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ciocci, F (Ciocci, F.); Dattoli, G (Dattoli, G.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Giannessi, L (Giannessi, L.); Mostacci, A (Mostacci, A.); Musumeci, P (Musumeci, P.); Palumbo, L (Palumbo, L.); Petralia, A (Petralia, A.); Petrillo, V (Petrillo, V.); Pompili, R (Pompili, R.); Rau, JV (Rau, J. V.); Rossi, AR (Rossi, A. R.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F)

Source: NEW JOURNAL OF PHYSICS **Volume:** 16 **Article Number:** 033018 **DOI:** 10.1088/1367-2630/16/3/033018 **Published:** MAR 14 2014

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Record 32 of 50

Title: The External-Injection experiment at the SPARC_LAB facility

Author(s): Rossi, AR (Rossi, Andrea R.); Bacci, A (Bacci, Alberto); Belleveglia, M (Belleveglia, Marro); Chiadroni, E (Chiadroni, Enrica); Cianchi, A (Cianchi, Alessandro); Di Pirro, G (Di Pirro, Giampiero); Ferrario, M (Ferrario, Massimo); Gallo, A (Gallo, Alessandro); Gatti, G (Gatti, Giancarlo); Maroli, C (Maroli, Cesare); Mostacci, A (Mostacci, Andrea); Petrillo, V (Petrillo, Victoria); Serafini, L (Serafini, Luca); Tomassini, P (Tomassini, Paolo); Vaccarezza, C (Vaccarezza, Cristina)

Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 740 **Pages:** 60-66 **DOI:** 10.1016/j.nima.2013.10.003 **Published:** MAR 11 2014

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Conference Location: Elba, ITALY

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Record 33 of 50

Title: IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers

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Title: Design of a plasma discharge circuit for particle wakefield acceleration
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Title: First single-shot and non-intercepting longitudinal bunch diagnostics for comb-like beam by means of Electro-Optic Sampling
Author(s): Pompili, R (Pompili, R.); Cianchi, A (Cianchi, A.); Alesini, D (Alesini, D.); Anania, MP (Anania, M. P.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); DiGiovenale, D (DiGiovenale, D.); Di Pirro, G (Di Pirro, G.); Gatti, G (Gatti, G.); Giorgianni, F (Giorgianni, F.); Ferrario, M (Ferrario, M.); Lupi, S (Lupi, S.); Massimo, F (Massimo, F.); Mostacci, A (Mostacci, A.); Rossi, AR (Rossi, A. R.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
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Title: Transformer ratio studies for single bunch plasma wakefield acceleration
Author(s): Massimo, F (Massimo, F.); Marocchino, A (Marocchino, A.); Chiadroni, E (Chiadroni, E.); Ferrario, M (Ferrario, M.); Mostacci, A (Mostacci, A.); Musumeci, P (Musumeci, P.); Palumbo, L (Palumbo, L.)
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Title: Tuning procedure for traveling wave structures and its application to the C-Band cavities for SPARC photo injector energy upgrade
Author(s): Alesini, D (Alesini, D.); Citterio, A (Citterio, A.); Campogiani, G (Campogiani, G.); Ficcadenti, L (Ficcadenti, L.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Persichelli, S (Persichelli, S.); Zennaro, R (Zennaro, R.)
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Title: Observation of Time-Domain Modulation of Free-Electron-Laser Pulses by Multi peaked Electron-Energy Spectrum
Author(s): Petrillo, V (Petrillo, V.); Anania, MP (Anania, M. P.); Artioli, M (Artioli, M.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ciocci, F (Ciocci, F.); Dattoli, G (Dattoli, G.); Di Giovenale, D (Di Giovenale, D.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Giannessi, L (Giannessi, L.); Mostacci, A (Mostacci, A.); Musumeci, P (Musumeci, P.); Petralia, A (Petralia, A.); Pompili, R (Pompili, R.); Quattromini, M (Quattromini, M.); Rau, JV (Rau, J. V.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.); Sabia, E (Sabia, E.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.)
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Title: Challenges in plasma and laser wakefield accelerated beams diagnostic
Author(s): Cianchi, A (Cianchi, A.); Anania, MP (Anania, M. P.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Marchetti, B (Marchetti, B.); Mostacci, A (Mostacci, A.); Pompili, R (Pompili, R.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.)
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Title: SPARC_LAB present and future
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Title: Electron Linac design to drive bright Compton back-scattering gamma-ray sources
Author(s): Bacci, A (Bacci, A.); Alesini, D (Alesini, D.); Antici, P (Antici, P.); Bellaveglia, M (Bellaveglia, M.); Boni, R (Boni, R.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Curatolo, C (Curatolo, C.); Di Pirro, G (Di Pirro, G.); Esposito, A (Esposito, A.); Ferrario, M (Ferrario, M.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Ghigo, A (Ghigo, A.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Petrillo, V (Petrillo, V.); Pompili, R (Pompili, R.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.); Spataro, B (Spataro, B.); Tomassini, P (Tomassini, P.); Vaccarezza, C (Vaccarezza, C.)
Source: JOURNAL OF APPLIED PHYSICS **Volume:** 113 **Issue:** 19 **Article Number:** 194508 **DOI:** 10.1063/1.4805071 **Published:** MAY 21 2013
Accession Number: WOS:000319295200060

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SPATARO, BRUNO	0000-0002-3036-2657
Petrillo, Vittoria	0000-0002-8556-3384

ISSN: 0021-8979

Record 42 of 50

Title: The C-Band accelerating structures for SPARC photoinjector energy upgrade

Author(s): Alesini, D (Alesini, D.); Boni, R (Boni, R.); Di Pirro, G (Di Pirro, G.); Di Raddo, R (Di Raddo, R.); Ferrario, M (Ferrario, M.); Gallo, A (Gallo, A.); Lollo, V (Lollo, V.); Marcellini, F (Marcellini, F.); Palumbo, L (Palumbo, L.); Spizzo, V (Spizzo, V.); Mostacci, A (Mostacci, A.); Campogiani, G (Campogiani, G.); Persichelli, S (Persichelli, S.); Enomoto, A (Enomoto, A.); Higo, T (Higo, T.); Kakihara, K (Kakihara, K.); Kamitani, T (Kamitani, T.); Matsumoto, S (Matsumoto, S.); Sugimura, T (Sugimura, T.); Yokoyama, K (Yokoyama, K.); Verdu-Andres, S (Verdu-Andres, S.)

Source: JOURNAL OF INSTRUMENTATION **Volume:** 8 **Article Number:** P05004 **DOI:** 10.1088/1748-0221/8/05/P05004 **Published:** MAY 2013

Accession Number: WOS:000320726000014

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ISSN: 1748-0221

Record 43 of 50

Title: The SPARC linear accelerator based terahertz source

Author(s): Chiadroni, E (Chiadroni, E.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Gatti, G (Gatti, G.); Pace, E (Pace, E.); Rossi, AR (Rossi, A. R.); Vaccarezza, C (Vaccarezza, C.); Catani, L (Catani, L.); Cianchi, A (Cianchi, A.); Marchetti, B (Marchetti, B.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Ronsivalle, C (Ronsivalle, C.); Di Gaspere, A (Di Gaspere, A.); Ortolani, M (Ortolani, M.); Perucchi, A (Perucchi, A.); Calvani, P (Calvani, P.); Limaj, O (Limaj, O.); Nicoletti, D (Nicoletti, D.); Lupi, S (Lupi, S.)

Source: APPLIED PHYSICS LETTERS **Volume:** 102 **Issue:** 9 **Article Number:** 094101 **DOI:** 10.1063/1.4794014 **Published:** MAR 4 2013

Accession Number: WOS:000316085200087

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ISSN: 0003-6951

Record 44 of 50

Title: Characterization of the THz radiation source at the Frascati linear accelerator

Author(s): Chiadroni, E (Chiadroni, E.); Bellaveglia, M (Bellaveglia, M.); Calvani, P (Calvani, P.); Castellano, M (Castellano, M.); Catani, L (Catani, L.); Cianchi, A (Cianchi, A.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Limaj, O (Limaj, O.); Lupi, S (Lupi, S.); Marchetti, B (Marchetti, B.); Mostacci, A (Mostacci, A.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Ronsivalle, C (Ronsivalle, C.); Pompili, R (Pompili, R.); Vaccarezza, C (Vaccarezza, C.)

Source: REVIEW OF SCIENTIFIC INSTRUMENTS **Volume:** 84 **Issue:** 2 **Article Number:** 022703 **DOI:** 10.1063/1.4790429 **Published:** FEB 2013

Accession Number: WOS:000316954600005

PubMed ID: 23464185

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ISSN: 0034-6748

Record 45 of 50

Title: Superradiant Cascade in a Seeded Free-Electron Laser

Author(s): Giannessi, L (Giannessi, L.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Couprie, ME (Couprie, M. E.); Del Franco, M (Del Franco, M.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Labat, M (Labat, M.); Marcus, G (Marcus, G.); Mostacci, A (Mostacci, A.); Petralia, A (Petralia, A.); Petrillo, V (Petrillo, V.); Quattromini, M (Quattromini, M.); Rau, JV (Rau, J. V.); Spampinati, S (Spampinati, S.); Surrenti, V (Surrenti, V.)

Source: PHYSICAL REVIEW LETTERS **Volume:** 110 **Issue:** 4 **Article Number:** 044801 **DOI:** 10.1103/PhysRevLett.110.044801 **Published:** JAN 23 2013

Accession Number: WOS:000313952000008

PubMed ID: 25166168

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Chiadroni, Enrica		0000-0003-0350-8590

ISSN: 0031-9007

Record 46 of 50

Title: Intrinsic normalized emittance growth in laser-driven electron accelerators

Author(s): Migliorati, M (Migliorati, M.); Bacci, A (Bacci, A.); Benedetti, C (Benedetti, C.); Chiadroni, E (Chiadroni, E.); Ferrario, M (Ferrario, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.); Antici, P (Antici, P.)

Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 16 **Issue:** 1 **Article Number:** 011302 **DOI:**

10.1103/PhysRevSTAB.16.011302 **Published:** JAN 10 2013
Accession Number: WOS:000313427100002
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Chiadroni, Enrica		0000-0003-0350-8590

ISSN: 1098-4402

Record 47 of 50

Title: The SPARC_LAB High Peak Power THz Source: Different Methods Of Generation And Characterization
Author(s): Chiadroni, E (Chiadroni, E.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Ciani, A (Cianchi, A.); Di Giovenale, D (Di Giovenale, D.); Di Piro, G (Di Piro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Giorgianni, F (Giorgianni, F.); Mostacci, A (Mostacci, A.); Pompili, R (Pompili, R.); Ronsivalle, C (Ronsivalle, C.); Vaccarezza, C (Vaccarezza, C.); Villa, F (Villa, F.); Lupi, S (Lupi, S.)

Book Group Author(s): IEEE
Source: 2013 38TH INTERNATIONAL CONFERENCE ON INFRARED, MILLIMETER, AND TERAHERTZ WAVES (IRMMW-THZ) **Book Series:** International Conference on Infrared Millimeter and Terahertz Waves **Published:** 2013

Accession Number: WOS:000345855300351
Conference Title: 38th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THZ)
Conference Date: SEP 01-06, 2013
Conference Location: Mainz, GERMANY

Conference Sponsors: Fraunhofer Inst Phys Measurement Tech IPM, Univ Kaiserslautern, IEEE Microwave Theory & Tech Soc, State Rhineland Palatinate, Minist Sci & Educ, OPTIMAS, Xiton Photon GmbH, Univ Kaiserslautern, Fac Phys, HUBNER, Edinburgh Instruments, Lake Shore, Anritsu Corp, Innovat Ctr Appl Syst Modeling, Optence, TRAS Inc, Advantest, Edmund Opt
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ISSN: 2162-2027
ISBN: 978-1-4673-4717-4

Record 48 of 50

Title: beam heat load due to geometrical and resistive wall impedance in COLDDIAG (vol 7, P11008, 2012)
Author(s): Casalbuoni, S (Casalbuoni, S.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Spataro, B (Spataro, B.)
Source: JOURNAL OF INSTRUMENTATION **Volume:** 7 **Article Number:** E12001 **DOI:** 10.1088/1748-0221/7/12/E12001 **Published:** DEC 2012
Accession Number: WOS:000312962500031
ISSN: 1748-0221

Record 49 of 50

Title: Beam heat load due to geometrical and resistive wall impedance in COLDDIAG
Author(s): Casalbuoni, S (Casalbuoni, S.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Spataro, B (Spataro, B.)
Source: JOURNAL OF INSTRUMENTATION **Volume:** 7 **Article Number:** P11008 **DOI:** 10.1088/1748-0221/7/11/P11008 **Published:** NOV 2012
Accession Number: WOS:000329062200014
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ISSN: 1748-0221

Record 50 of 50

Title: Time-domain measurement of a self-amplified spontaneous emission free-electron laser with an energy-chirped electron beam and undulator tapering
Author(s): Marcus, G (Marcus, G.); Artioli, M (Artioli, M.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Ciani, A (Cianchi, A.); Ciocci, F (Ciocci, F.); Del Franco, M (Del Franco, M.); Di Piro, G (Di Piro, G.); Ferrario, M (Ferrario, M.); Filippetto, D (Filippetto, D.); Gatti, G (Gatti, G.); Giannessi, L (Giannessi, L.); Labat, M (Labat, M.); Mostacci, A (Mostacci, A.); Petralia, A (Petralia, A.); Petrillo, V (Petrillo, V.); Quattromini, M (Quattromini, M.); Rau, JV (Rau, J. V.); Rossi, AR (Rossi, A. R.); Rosenzweig, JB (Rosenzweig, J. B.)
Source: APPLIED PHYSICS LETTERS **Volume:** 101 **Issue:** 13 **Article Number:** 134102 **DOI:** 10.1063/1.4754612 **Published:** SEP 24 2012
Accession Number: WOS:000309426800104
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ISSN: 0003-6951

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**Record 1 of 50****Title:** Chromatic effects in quadrupole scan emittance measurements**Author(s):** Mostacci, A (Mostacci, A.); Bellaveglia, M (Bellaveglia, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ferrario, M (Ferrario, M.); Filippetto, D (Filippetto, D.); Gatti, G (Gatti, G.); Ronsivalle, C (Ronsivalle, C.)**Source:** PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 15 **Issue:** 8 **Article Number:** 082802 **DOI:** 10.1103/PhysRevSTAB.15.082802 **Published:** AUG 23 2012**Accession Number:** WOS:000308016400004**Author Identifiers:**

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Cianchi, Alessandro	A-9581-2016	0000-0002-9631-2505
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ISSN: 1098-4402**Record 2 of 50****Title:** Laser-driven electron beamlines generated by coupling laser-plasma sources with conventional transport systems**Author(s):** Antici, P (Antici, P.); Bacci, A (Bacci, A.); Benedetti, C (Benedetti, C.); Chiadroni, E (Chiadroni, E.); Ferrario, M (Ferrario, M.); Rossi, AR (Rossi, A. R.); Lancia, L (Lancia, L.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Serafini, L (Serafini, L.)**Source:** JOURNAL OF APPLIED PHYSICS **Volume:** 112 **Issue:** 4 **Article Number:** 044902 **DOI:** 10.1063/1.4740456 **Published:** AUG 15 2012**Accession Number:** WOS:000308410100101**Author Identifiers:**

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ISSN: 0021-8979**Record 3 of 50****Title:** Sensitivity study in a compact accelerator for laser-generated protons**Author(s):** Antici, P (Antici, P.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Picardi, L (Picardi, L.); Palumbo, L (Palumbo, L.); Ronsivalle, C (Ronsivalle, C.)**Source:** JOURNAL OF PLASMA PHYSICS **Volume:** 78 **Special Issue:** SI **Pages:** 441-445 **DOI:** 10.1017/S0022377812000414 **Part:** 4 **Published:** AUG 2012**Accession Number:** WOS:000308671900017**Author Identifiers:**

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ISSN: 0022-3778**Record 4 of 50****Title:** High-Order-Harmonic Generation and Superradiance in a Seeded Free-Electron Laser**Author(s):** Giannessi, L (Giannessi, L.); Artioli, M (Artioli, M.); Bellaveglia, M (Bellaveglia, M.); Briquez, F (Briquez, F.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Couprie, ME (Couprie, M. E.); Dattoli, G (Dattoli, G.); Di Palma, E (Di Palma, E.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Filippetto, D (Filippetto, D.); Frassetto, F (Frassetto, F.); Gatti, G (Gatti, G.); Labat, M (Labat, M.); Marcus, G (Marcus, G.); Mostacci, A (Mostacci, A.); Petralia, A (Petralia, A.); Petrillo, V (Petrillo, V.); Poletto, L (Poletto, L.); Quattromini, M (Quattromini, M.); Rau, JV (Rau, J. V.); Rosenzweig, J (Rosenzweig, J.); Sabia, E (Sabia, E.); Serluca, M (Serluca, M.); Spassovsky, I (Spassovsky, I.); Surrenti, V (Surrenti, V.)**Source:** PHYSICAL REVIEW LETTERS **Volume:** 108 **Issue:** 16 **Article Number:** 164801 **DOI:** 10.1103/PhysRevLett.108.164801 **Published:** APR 19 2012**Accession Number:** WOS:000302997500005**PubMed ID:** 22680723**Author Identifiers:**

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Di Palma, Emanuele		0000-0002-6257-622X
Di Pirro, Giampiero		0000-0002-3004-0754

ISSN: 0031-9007**Record 5 of 50****Title:** The THz radiation source at SPARC**Author(s):** Chiadroni, E (Chiadroni, E.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Calvani, P (Calvani, P.); Castellano, M (Castellano, M.); Cianchi, A (Cianchi, A.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Limaj, O (Limaj, O.); Lupi, S (Lupi, S.); Marchetti, B (Marchetti, B.); Mostacci, A (Mostacci, A.); Nicoletti, D (Nicoletti, D.); Nucara, A (Nucara, A.); Pace, E (Pace, E.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.); Vaccarezza, C (Vaccarezza, C.)**Edited by:** Potylitsyn A; Karataev P**Source:** IX INTERNATIONAL SYMPOSIUM ON RADIATION FROM RELATIVISTIC ELECTRONS IN PERIODIC STRUCTURES (RREPS-2011) **Book Series:** Journal of Physics Conference Series **Volume:** 357 **Article Number:** 012034 **DOI:** 10.1088/1742-6596/357/1/012034 **Published:** 2012**Accession Number:** WOS:000308221600034**Conference Title:** 9th International Symposium on Radiation from Relativistic Electrons in Periodic Structures (RREPS)**Conference Date:** SEP 12-16, 2011**Conference Location:** Univ London, Royal Holloway, Egham, ENGLAND**Conference Sponsors:** Tomsk Polytechn Univ, John Adams Inst Accelerator Sci**Conference Host:** Univ London, Royal Holloway

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Chiadroni, Enrica		0000-0003-0350-8590
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ISSN: 1742-6588

Record 6 of 50

Title: The THz Radiation Source at the SPARC Facility
Author(s): Chiadroni, E (Chiadroni, E.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Gatti, G (Gatti, G.); Pace, E (Pace, E.); Rossi, AR (Rossi, A. R.); Vaccarezza, C (Vaccarezza, C.); Calvani, P (Calvani, P.); Nucara, A (Nucara, A.); Nicoletti, D (Nicoletti, D.); Limaj, O (Limaj, O.); Lupi, S (Lupi, S.); Marchetti, B (Marchetti, B.); Cianchi, A (Cianchi, A.); Mostacci, A (Mostacci, A.); Ronsivalle, C (Ronsivalle, C.); Perucchi, A (Perucchi, A.)
Book Group Author(s): IOP
Source: 6TH WORKSHOP ON INFRARED SPECTROSCOPY AND MICROSCOPY WITH ACCELERATOR-BASED SOURCES (WIRMS11) **Book Series:** Journal of Physics Conference Series **Volume:** 359 **Article Number:** 012018 **DOI:** 10.1088/1742-6596/359/1/012018 **Published:** 2012
Accession Number: WOS:000305749100018
Conference Title: 6th International Workshop on Infrared Spectroscopy and Microscopy with Accelerator-Based Sources (WIRMS)
Conference Date: SEP 04-08, 2011
Conference Location: Trieste, ITALY
Conference Sponsors: Bruker Opt Italia Srl, Tydex, Spiricon, Allectra GmbH, Neaspec, Micos Italia GmbH, Sincrotrone Trieste SCpA, Sapienza Univ Rome, Ist Nazl Fis Nucl (INFN), CNR - Ist Officina Materiali (IOM), European Microscopy Soc (EMS)
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ISSN: 1742-6588

Record 7 of 50

Title: High-Gain Harmonic-Generation Free-Electron Laser Seeded by Harmonics Generated in Gas
Author(s): Labat, M (Labat, M.); Bellaveglia, M (Bellaveglia, M.); Bougeard, M (Bougeard, M.); Carre, B (Carre, B.); Ciocci, F (Ciocci, F.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Couprie, ME (Couprie, M. E.); Cultrera, L (Cultrera, L.); Del Franco, M (Del Franco, M.); Di Pirro, G (Di Pirro, G.); Drago, A (Drago, A.); Ferrario, M (Ferrario, M.); Filippetto, D (Filippetto, D.); Frassetto, F (Frassetto, F.); Gallo, A (Gallo, A.); Garzella, D (Garzella, D.); Gatti, G (Gatti, G.); Giannessi, L (Giannessi, L.); Lambert, G (Lambert, G.); Mostacci, A (Mostacci, A.); Petralia, A (Petralia, A.); Petrillo, V (Petrillo, V.); Poletto, L (Poletto, L.); Quattromini, M (Quattromini, M.); Rau, JV (Rau, J. V.); Ronsivalle, C (Ronsivalle, C.); Sabia, E (Sabia, E.); Serluca, M (Serluca, M.); Spassovsky, I (Spassovsky, I.); Surrenti, V (Surrenti, V.); Vaccarezza, C (Vaccarezza, C.); Vicario, C (Vicario, C.)
Source: PHYSICAL REVIEW LETTERS **Volume:** 107 **Issue:** 22 **Article Number:** 224801 **DOI:** 10.1103/PhysRevLett.107.224801 **Published:** NOV 22 2011
Accession Number: WOS:000297292200002
PubMed ID: 22182029
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Drago, Alessandro		0000-0002-4117-9356
Di Pirro, Giampiero		0000-0002-3004-0754

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Record 8 of 50

Title: High-power comparison among brazed, clamped and electroformed X-band cavities
Author(s): Spataro, B (Spataro, B.); Alesini, D (Alesini, D.); Chimentì, V (Chimentì, V.); Dolgashev, V (Dolgashev, V.); Higashi, Y (Higashi, Y.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Parodi, R (Parodi, R.); Tantawi, SG (Tantawi, S. G.); Yeremian, AD (Yeremian, A. D.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 657 **Issue:** 1 **Pages:** 88-93 **DOI:** 10.1016/j.nima.2011.06.047 **Published:** NOV 21 2011
Accession Number: WOS:000297085800015
Conference Title: X-band mini-ICFA workshop (XB)
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Record 9 of 50

Title: RF properties of a X-band hybrid photoinjector
Author(s): Spataro, B (Spataro, B.); Valloni, A (Valloni, A.); Alesini, D (Alesini, D.); Biancacci, N (Biancacci, N.); Faillace, L (Faillace, L.); Ficcadenti, L (Ficcadenti, L.); Fukusawa, A (Fukusawa, A.); Lancia, L (Lancia, L.); Migliorati, M (Migliorati, M.); Morelli, F (Morelli, F.); Mostacci, A (Mostacci, A.); O'Shea, B (O'Shea, B.); Palumbo,

L (Palumbo, L.); Rosenzweig, JB (Rosenzweig, J. B.); Yakub, A (Yakub, A.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 657 **Issue:** 1 **Pages:** 99-106 **DOI:** 10.1016/j.nima.2011.04.057 **Published:** NOV 21 2011
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Record 10 of 50

Title: Design and applications of an X-band hybrid photoinjector
Author(s): Rosenzweig, JB (Rosenzweig, J. B.); Valloni, A (Valloni, A.); Alesini, D (Alesini, D.); Andonian, G (Andonian, G.); Bernard, N (Bernard, N.); Faillace, L (Faillace, L.); Ficcadenti, L (Ficcadenti, L.); Fukusawa, A (Fukusawa, A.); Hidding, B (Hidding, B.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Musumeci, P (Musumeci, P.); O'Shea, B (O'Shea, B.); Palumbo, L (Palumbo, L.); Spataro, B (Spataro, B.); Yakub, A (Yakub, A.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 657 **Issue:** 1 **Pages:** 107-113 **DOI:** 10.1016/j.nima.2011.05.046 **Published:** NOV 21 2011
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Record 11 of 50

Title: Technological issues and high gradient test results on X-band molybdenum accelerating structures
Author(s): Spataro, B (Spataro, B.); Alesini, D (Alesini, D.); Chimenti, V (Chimenti, V.); Dolgashev, V (Dolgashev, V.); Haase, A (Haase, A.); Tantawi, SG (Tantawi, S. G.); Higashi, Y (Higashi, Y.); Marrelli, C (Marrelli, C.); Mostacci, A (Mostacci, A.); Parodi, R (Parodi, R.); Yeremian, AD (Yeremian, A. D.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 657 **Issue:** 1 **Pages:** 114-121 **DOI:** 10.1016/j.nima.2011.05.020 **Published:** NOV 21 2011
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Record 12 of 50

Title: Phase space analysis of velocity bunched beams
Author(s): Filippetto, D (Filippetto, D.); Bellaveglia, M (Bellaveglia, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Ficcadenti, L (Ficcadenti, L.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Pace, E (Pace, E.); Vaccarezza, C (Vaccarezza, C.); Vicario, C (Vicario, C.); Bacci, A (Bacci, A.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.); Cianchi, A (Cianchi, A.); Marchetti, B (Marchetti, B.); Giannessi, L (Giannessi, L.); Labat, M (Labat, M.); Quattromini, M (Quattromini, M.); Ronsivalle, C (Ronsivalle, C.); Marrelli, C (Marrelli, C.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Serluca, M (Serluca, M.)
Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 14 **Issue:** 9 **Article Number:** 092804 **DOI:** 10.1103/PhysRevSTAB.14.092804 **Published:** SEP 29 2011
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ISSN: 1098-4402

Record 13 of 50

Title: A compact post-acceleration scheme for laser-generated protons
Author(s): Antici, P (Antici, P.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Picardi, L (Picardi, L.); Palumbo, L (Palumbo, L.); Ronsivalle, C (Ronsivalle, C.)
Source: PHYSICS OF PLASMAS **Volume:** 18 **Issue:** 7 **Article Number:** 073103 **DOI:** 10.1063/1.3574361 **Published:** JUL 2011
Accession Number: WOS:000293474500038
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Record 14 of 50

Title: Self-amplified spontaneous emission for a single pass free-electron laser

Author(s): Giannessi, L (Giannessi, L.); Alesini, D (Alesini, D.); Antici, P (Antici, P.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Briquez, F (Briquez, F.); Castellano, M (Castellano, M.); Catani, L (Catani, L.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Ciocci, F (Ciocci, F.); Clozza, A (Clozza, A.); Couprie, ME (Couprie, M. E.); Cultrera, L (Cultrera, L.); Dattoli, G (Dattoli, G.); Del Franco, M (Del Franco, M.); Dipace, A (Dipace, A.); Di Pirro, G (Di Pirro, G.); Doria, A (Doria, A.); Drago, A (Drago, A.); Fawley, WM (Fawley, W. M.); Ferrario, M (Ferrario, M.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Frassetto, F (Frassetto, F.); Freund, HP (Freund, H. P.); Fusco, V (Fusco, V.); Gallerano, G (Gallerano, G.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Ghigo, A (Ghigo, A.); Giovenale, E (Giovenale, E.); Marinelli, A (Marinelli, A.); Labat, M (Labat, M.); Marchetti, B (Marchetti, B.); Marcus, G (Marcus, G.); Marrelli, C (Marrelli, C.); Mattioli, M (Mattioli, M.); Migliorati, M (Migliorati, M.); Moreno, M (Moreno, M.); Mostacci, A (Mostacci, A.); Orlandi, G (Orlandi, G.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Petralia, A (Petralia, A.); Petrarca, M (Petrarca, M.); Petrillo, V (Petrillo, V.); Poletto, L (Poletto, L.); Quattromini, M (Quattromini, M.); Rau, JV (Rau, J. V.); Reiche, S (Reiche, S.); Ronsivalle, C (Ronsivalle, C.); Rosenzweig, J (Rosenzweig, J.); Rossi, AR (Rossi, A. R.); Albertini, VR (Albertini, V. Rossi); Sabia, E (Sabia, E.); Serafini, L (Serafini, L.); Serluca, M (Serluca, M.); Spassovsky, I (Spassovsky, I.); Spataro, B (Spataro, B.); Surrenti, V (Surrenti, V.); Vaccarezza, C (Vaccarezza, C.); Vescovi, M (Vescovi, M.); Vicario, C (Vicario, C.)

Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 14 **Issue:** 6 **Article Number:** 060712 **DOI:** 10.1103/PhysRevSTAB.14.060712 **Published:** JUN 29 2011

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Record 15 of 50

Title: COLDDIAG: A Cold Vacuum Chamber for Diagnostics

Author(s): Casalbuoni, S (Casalbuoni, Sara); Baumbach, T (Baumbach, Tilo); Gerstl, S (Gerstl, Stefan); Grau, A (Grau, Andreas); Hagelstein, M (Hagelstein, Michael); de Jauregui, DS (de Jauregui, David Saez); Boffo, C (Boffo, Cristian); Sikler, G (Sikler, Guenther); Baglin, V (Baglin, Vincent); Cimino, R (Cimino, Roberto); Commisso, M (Commisso, Mario); Spataro, B (Spataro, Bruno); Mostacci, A (Mostacci, Andrea); Cox, M (Cox, Matthew); Schouten, J (Schouten, Jos); Wallen, E (Wallen, Erik); Weigel, R (Weigel, Ralf); Clarke, J (Clarke, James); Scott, D (Scott, Duncan); Bradshaw, T (Bradshaw, Tom); Shinton, I (Shinton, Ian); Jones, R (Jones, Roger)

Source: IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY **Volume:** 21 **Issue:** 3 **Pages:** 2300-2303 **DOI:** 10.1109/TASC.2010.2096176 **Part:** 2 **Published:** JUN 2011

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Record 16 of 50

Title: Laser comb with velocity bunching: Preliminary results at SPARC

Author(s): Ferrario, M (Ferrario, M.); Alesini, D (Alesini, D.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Calvani, P (Calvani, P.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Giannessi, L (Giannessi, L.); Labat, M (Labat, M.); Lupi, S (Lupi, S.); Marchetti, B (Marchetti, B.); Marrelli, C (Marrelli, C.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Nicoletti, D (Nicoletti, D.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Petrillo, V (Petrillo, V.); Quattromini, M (Quattromini, M.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.); Rosenzweig, J (Rosenzweig, J.); Serafini, L (Serafini, L.); Serluca, M (Serluca, M.); Spataro, B (Spataro, B.); Tomizawa, H (Tomizawa, H.); Vaccarezza, C (Vaccarezza, C.); Vicario, C (Vicario, C.)

Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 637 **Pages:** S43-S46 **DOI:** 10.1016/j.nima.2010.02.018 **Supplement:** 1 **Published:** MAY 1 2011

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Record 17 of 50

Title: Self-Amplified Spontaneous Emission Free-Electron Laser with an Energy-Chirped Electron Beam and Undulator Tapering
Author(s): Giannessi, L (Giannessi, L.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Briquez, F (Briquez, F.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Ciani, A (Cianchi, A.); Ciocci, F (Ciocci, F.); Couprie, ME (Couprie, M. E.); Cultrera, L (Cultrera, L.); Dattoli, G (Dattoli, G.); Filippetto, D (Filippetto, D.); Del Franco, M (Del Franco, M.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Ficcadenti, L (Ficcadenti, L.); Frassetto, F (Frassetto, F.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Labat, M (Labat, M.); Marcus, G (Marcus, G.); Moreno, M (Moreno, M.); Mostacci, A (Mostacci, A.); Pace, E (Pace, E.); Petralia, A (Petralia, A.); Petrillo, V (Petrillo, V.); Poletto, L (Poletto, L.); Quattromini, M (Quattromini, M.); Rau, JV (Rau, J. V.); Ronsivalle, C (Ronsivalle, C.); Rosenzweig, J (Rosenzweig, J.); Rossi, AR (Rossi, A. R.); Albertini, VR (Albertini, V. Rossi); Sabia, E (Sabia, E.); Serluca, M (Serluca, M.); Spampinati, S (Spampinati, S.); Spassovsky, I (Spassovsky, I.); Spataro, B (Spataro, B.); Surrenti, V (Surrenti, V.); Vaccarezza, C (Vaccarezza, C.); Vicario, C (Vicario, C.)
Source: PHYSICAL REVIEW LETTERS **Volume:** 106 **Issue:** 14 **Article Number:** 144801 **DOI:** 10.1103/PhysRevLett.106.144801 **Published:** APR 5 2011
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Record 18 of 50

Title: Experimental Demonstration of Emittance Compensation with Velocity Bunching
Author(s): Ferrario, M (Ferrario, M.); Alesini, D (Alesini, D.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Ciani, A (Cianchi, A.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Fusco, V (Fusco, V.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Giannessi, L (Giannessi, L.); Labat, M (Labat, M.); Marchetti, B (Marchetti, B.); Marrelli, C (Marrelli, C.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Quattromini, M (Quattromini, M.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.); Rosenzweig, J (Rosenzweig, J.); Serafini, L (Serafini, L.); Serluca, M (Serluca, M.); Spataro, B (Spataro, B.); Vaccarezza, C (Vaccarezza, C.); Vicario, C (Vicario, C.)
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Record 19 of 50

Title: Production of high power terahertz radiation through the SPARC Free-Electron Laser
Author(s): Chiadroni, E (Chiadroni, E.); Anelli, F (Anelli, F.); Bellaveglia, M (Bellaveglia, M.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Ferrario, M (Ferrario, M.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Fioravanti, S (Fioravanti, S.); Gatti, G (Gatti, G.); Pace, E (Pace, E.); Sorchetti, R (Sorchetti, R.); Vaccarezza, C (Vaccarezza, C.); Catani, L (Catani, L.); Ciani, A (Cianchi, A.); Marchetti, B (Marchetti, B.); Ronsivalle, C (Ronsivalle, C.); Bacci, A (Bacci, A.); Rossi, AR (Rossi, A. R.); Mostacci, A (Mostacci, A.); Calvani, P (Calvani, P.); Limaj, O (Limaj, O.); Nicoletti, D (Nicoletti, D.); Lupi, S (Lupi, S.)
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ISBN: 978-1-4244-6657-3

Record 20 of 50

Title: Capture And Transport Of High-Energy Laser-Generated Electrons Using Accelerator Optics
Author(s): Antici, P (Antici, P.); Benedetti, C (Benedetti, C.); Giacomello, D (Giacomello, D.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.)

Edited by: Dumitras D
Source: LIGHT AT EXTREME INTENSITIES: OPPORTUNITIES AND TECHNOLOGICAL ISSUES OF THE EXTREME LIGHT INFRASTRUCTURE **Book Series:** AIP Conference Proceedings **Volume:** 1228 **Pages:** 346-+ **DOI:** 10.1063/1.3426073 **Published:** 2010
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Conference Sponsors: Int Consortium Extreme Light Infrastruct, Natl Inst Laser, Plasma & Radiat Phys, Inst Plasmas & Fusao Nucl, Natl Author Sci Res, Embassy France Romania, Transilvania Univ Brasov
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Record 21 of 50
Title: High brightness electron beam emittance evolution measurements in an rf photoinjector

Author(s): Cianchi, A (Cianchi, A.); Alesini, D (Alesini, D.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Catani, L (Catani, L.); Chiadroni, E (Chiadroni, E.); Cialdi, S (Cialdi, S.); Clozza, A (Clozza, A.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Drago, A (Drago, A.); Esposito, A (Esposito, A.); Ferrario, M (Ferrario, M.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Fusco, V (Fusco, V.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Ghigo, A (Ghigo, A.); Giannessi, L (Giannessi, L.); Ligi, C (Ligi, C.); Mattioli, M (Mattioli, M.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Musumeci, P (Musumeci, P.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Pellegrino, L (Pellegrino, L.); Petrarca, M (Petrarca, M.); Preger, M (Preger, M.); Quattromini, M (Quattromini, M.); Ricci, R (Ricci, R.); Ronsivalle, C (Ronsivalle, C.); Rosenzweig, J (Rosenzweig, J.); Rossi, AR (Rossi, A. R.); Sanelli, C (Sanelli, C.); Serafini, L (Serafini, L.); Serio, M (Serio, M.); Sgamma, F (Sgamma, F.); Spataro, B (Spataro, B.); Tazzioli, F (Tazzioli, F.); Tomassini, S (Tomassini, S.); Vaccarezza, C (Vaccarezza, C.); Vescovi, M (Vescovi, M.); Vicario, C (Vicario, C.)

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ISSN: 1098-4402

Record 22 of 50
Title: A bi-periodic X-Band cavity for SPARC
Author(s): Spataro, B (Spataro, B.); Alesini, D (Alesini, D.); Bacci, A (Bacci, A.); Ficcadenti, L (Ficcadenti, L.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Parodi, R (Parodi, R.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 586 **Issue:** 2 **Pages:** 133-142 **DOI:** 10.1016/j.nima.2007.10.040 **Published:** FEB 21 2008
Accession Number: WOS:000253613300001
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ISSN: 0168-9002

Record 23 of 50
Title: The FLUKA code and its use in hadron therapy
Author(s): Battistoni, G (Battistoni, G.); Broggi, F (Broggi, F.); Brugger, M (Brugger, M.); Campanella, M (Campanella, M.); Carboni, M (Carboni, M.); Cerutti, F (Cerutti, F.); Colleoni, P (Colleoni, P.); D'Ambrosio, C (D'Ambrosio, C.); Empl, A (Empl, A.); Fasso, A (Fasso, A.); Ferrari, A (Ferrari, Al); Ferrari, A (Ferrari, An); Gadioli, E (Gadioli, E.); Lantz, M (Lantz, M.); Lee, K (Lee, K.); Lukasik, G (Lukasik, G.); Mairani, A (Mairani, A.); Margiotta, A (Margiotta, A.); Mauri, M (Mauri, M.); Morone, MC (Morone, M. C.); Mostacci, A (Mostacci, A.); Muraro, S (Muraro, S.); Parodi, K (Parodi, K.); Patera, V (Patera, V.); Pelliccioni, M (Pelliccioni, M.); Pinsky, L (Pinsky, L.); Ranft, J (Ranft, J.); Roesler, S (Roesler, S.); Rollet, S (Rollet, S.); Sala, PR (Sala, P. R.); Sarchiapone, L (Sarchiapone, L.); Stoli, M (Stoli, M.); Smirnov, G (Smirnov, G.); Sommerer, F (Sommerer, F.); Theis, C (Theis, C.); Trovati, S (Trovati, S.); Villari, R (Villari, R.); Vinke, H (Vinke, H.); Vlachoudis, V (Vlachoudis, V.); Wilson, T (Wilson, T.); Zapp, N (Zapp, N.)
Source: NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA C-COLLOQUIA ON PHYSICS **Volume:** 31 **Issue:** 1 **Pages:** 69-75 **DOI:** 10.1393/ncc/i2008-10281-9 **Published:** JAN-FEB 2008
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Record 24 of 50

Title: The INFN TPS project

Author(s): Agodi, C (Agodi, C.); Antoccia, A (Antoccia, A.); Attanasi, F (Attanasi, F.); Attili, A (Attili, A.); Battistoni, G (Battistoni, G.); Berardinelli, F (Berardinelli, F.); Bourhaleb, F (Bourhaleb, F.); Cherubini, R (Cherubini, R.); Cirio, R (Cirio, R.); Cirrone, GAP (Cirrone, G. A. P.); Cuttone, G (Cuttone, G.); D'Ambrosio, C (D'Ambrosio, C.); Del Guerra, A (Del Guerra, A.); De Nadal, V (De Nadal, V.); Gerardi, S (Gerardi, S.); Marchetto, F (Marchetto, F.); Monaco, P (Monaco, P.); Morone, C (Morone, C.); Mostacci, A (Mostacci, A.); Muraro, S (Muraro, S.); Patera, V (Patera, V.); Peroni, C (Peroni, C.); Raciti, G (Raciti, G.); Rosso, V (Rosso, V.); Sacchi, R (Sacchi, R.); Sala, P (Sala, P.); Vecchiio, S (Vecchiio, S.); Tanzarella, C (Tanzarella, C.)

Source: NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA C-COLLOQUIA ON PHYSICS **Volume:** 31 **Issue:** 1 **Pages:** 99-108 **DOI:** 10.1393/ncc/i2008-10284-6 **Published:** JAN-FEB 2008

Accession Number: WOS:000260719100011

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Record 25 of 50

Title: Analysis methodology of movable emittance-meter measurements for low energy electron beams

Author(s): Mostacci, A (Mostacci, A.); Bacci, A (Bacci, A.); Boscolo, M (Boscolo, M.); Chiadroni, E (Chiadroni, E.); Ciani, A (Ciani, A.); Filippetto, D (Filippetto, D.); Migliorati, M (Migliorati, M.); Musumeci, P (Musumeci, P.); Ronsivalle, C (Ronsivalle, C.); Rossi, AR (Rossi, A. R.)

Source: REVIEW OF SCIENTIFIC INSTRUMENTS **Volume:** 79 **Issue:** 1 **Article Number:** 013303 **DOI:** 10.1063/1.2835715 **Published:** JAN 2008

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Record 26 of 50

Title: Direct measurement of the double emittance minimum in the beam dynamics of the sparc high-brightness photoinjector

Author(s): Ferrario, M (Ferrario, M.); Alesini, D (Alesini, D.); Bacci, A (Bacci, A.); Bellaveglia, M (Bellaveglia, M.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Catani, L (Catani, L.); Chiadroni, E (Chiadroni, E.); Cialdi, S (Cialdi, S.); Ciani, A (Ciani, A.); Clozza, A (Clozza, A.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Drago, A (Drago, A.); Esposito, A (Esposito, A.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Fusco, V (Fusco, V.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Ghigo, A (Ghigo, A.); Giannessi, L (Giannessi, L.); Ligi, C (Ligi, C.); Mattioli, M (Mattioli, M.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Musumeci, P (Musumeci, P.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Pellegrino, L (Pellegrino, L.); Petrarca, M (Petrarca, M.); Quattromini, M (Quattromini, M.); Ricci, R (Ricci, R.); Ronsivalle, C (Ronsivalle, C.); Rosenzweig, J (Rosenzweig, J.); Rossi, AR (Rossi, A. R.); Sanelli, C (Sanelli, C.); Serafini, L (Serafini, L.); Serio, M (Serio, M.); Sgamma, F (Sgamma, F.); Spataro, B (Spataro, B.); Tazzioli, F (Tazzioli, F.); Tomassini, S (Tomassini, S.); Vaccarezza, C (Vaccarezza, C.); Vescovi, M (Vescovi, M.); Vicario, C (Vicario, C.)

Source: PHYSICAL REVIEW LETTERS **Volume:** 99 **Issue:** 23 **Article Number:** 234801 **DOI:** 10.1103/PhysRevLett.99.234801 **Published:** DEC 7 2007

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PubMed ID: 18233375

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Record 27 of 50

Title: Coupling impedances studies and power loss measurements of the COLDEX upgraded vacuum chamber

Author(s): Alesini, D (Alesini, D.); Spataro, B (Spataro, B.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Baglin, V (Baglin, V.); Jenner, B (Jenner, B.); Ruggiero, F (Ruggiero, F.)

Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 581 **Issue:** 3 **Pages:** 885-889 **DOI:** 10.1016/j.nima.2007.08.147 **Published:** NOV 1 2007

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Record 28 of 50

Title: Design and RF measurements of an X-band accelerating structure for the SPARC project

Author(s): Alesini, D (Alesini, D.); Bacci, A (Bacci, A.); Falone, A (Falone, A.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palpini, F (Palpini, F.); Palumbo, L (Palumbo, L.); Spataro, B (Spataro, B.)

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Record 29 of 50

Title: RF measurements results of the FINAL brazed SPARC RF deflector

Author(s): Ficcadenti, L (Ficcadenti, L.); Palumbo, L (Palumbo, L.); Mostacci, A (Mostacci, A.); Alesini, D (Alesini, D.); Vaccarezza, C (Vaccarezza, C.); Di Pirro, G (Di Pirro, G.); Rosenzweig, J (Rosenzweig, J.)

Book Group Author(s): IEEE

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ISBN: 978-1-4244-0916-7

Record 30 of 50

Title: Experimental results with the SPARC emittance-meter

Author(s): Alesini, D (Alesini, D.); Bellaveglia, M (Bellaveglia, M.); Bertolucci, S (Bertolucci, S.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Chiadroni, E (Chiadroni, E.); Clozza, A (Clozza, A.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Drago, A (Drago, A.); Esposito, A (Esposito, A.); Ferrario, M (Ferrario, M.); Filippetto, D (Filippetto, D.); Fusco, V (Fusco, V.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Ghigo, A (Ghigo, A.); Incurvati, M (Incurvati, M.); Ligi, C (Ligi, C.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Pellegrino, L (Pellegrino, L.); Ricci, R (Ricci, R.); Sanelli, C (Sanelli, C.); Serio, M (Serio, M.); Sgamma, F (Sgamma, F.); Spataro, B (Spataro, B.); Tazzioli, F (Tazzioli, F.); Tomassini, S (Tomassini, S.); Vaccarezza, C (Vaccarezza, C.); Vescovi, M (Vescovi, M.); Vicario, C (Vicario, C.); Catani, L (Catani, L.); Cianchi, A (Cianchi, A.); Petrarca, M (Petrarca, M.); Bacci, A (Bacci, A.); Cialdi, S (Cialdi, S.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.); Cook, A (Cook, A.); Dunning, M (Dunning, M.); Frigola, P (Frigola, P.); Musumeci, P (Musumeci, P.); Rosenzweig, J (Rosenzweig, J.)

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ISBN: 978-1-4244-0916-7

Record 31 of 50

Title: Charge and wavelength scaling of the UCLA/URLS/INFN hybrid photoinjector

Author(s): Fukasawa, A (Fukasawa, A.); Rosenzweig, JB (Rosenzweig, J. B.); Boni, A (Boni, A.); O'Shea, BD (O'Shea, B. D.); Alesini, D (Alesini, D.); Ferrario, M (Ferrario, M.); Spataro, B (Spataro, B.); Ficcadenti, L (Ficcadenti, L.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.)

Book Group Author(s): IEEE

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Record 32 of 50

Title: Comparison between SPARC e-meter measurements and simulations

Author(s): Ronsivalle, C (Ronsivalle, C.); Giannessi, L (Giannessi, L.); Quattromini, M (Quattromini, M.); Bacci, A (Bacci, A.); Rossi, AR (Rossi, A. R.); Serafina, L (Serafina, L.); Boscolo, M (Boscolo, M.); Chiadroni, E (Chiadroni, E.); Ferrario, M (Ferrario, M.); Filippetto, D (Filippetto, D.); Fusco, V (Fusco, V.); Gatti, G (Gatti, G.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Vaccarezza, C (Vaccarezza, C.); Vicario, C (Vicario, C.); Cianchi, A (Cianchi, A.); Petrarca, M (Petrarca, M.)

Book Group Author(s): IEEE

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Record 33 of 50

Title: Status of the SPARC-X project

Author(s): Vaccarezza, C (Vaccarezza, C.); Alesini, D (Alesini, D.); Bellaveglia, M (Bellaveglia, M.); Bertolucci, S (Bertolucci, S.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Clozza, A (Clozza, A.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Drago, A (Drago, A.); Esposito, A (Esposito, A.); Ferrario, M (Ferrario, M.); Ficcadenti, L (Ficcadenti, L.); Filippetto, D (Filippetto, D.); Fusco, V (Fusco, V.); Gallo, A (Gallo, A.); Gatti, G (Gatti, G.); Ghigo, A (Ghigo, A.); Ligi, C (Ligi, C.); Marinelli, A (Marinelli, A.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Pace, E (Pace, E.); Palumbo, L (Palumbo, L.); Pellegrino, L (Pellegrino, L.); Preger, M (Preger, M.); Ricci, R (Ricci, R.); Sanelli, C (Sanelli, C.); Serio, M (Serio, M.); Sgamma, F (Sgamma, F.); Spataro, B (Spataro, B.); Stella, A (Stella, A.); Tazzioli, F (Tazzioli, F.); Vescovi, M (Vescovi, M.); Vicario, C (Vicario, C.); Ciocci, F (Ciocci, F.); Dattoli, G (Dattoli, G.); Dipace, A (Dipace, A.); Doria, A (Doria, A.); Flora, F (Flora, F.); Gallerano, GP (Gallerano, G. P.); Giannessi, L (Giannessi, L.); Giovenale, E (Giovenale, E.); Messina, G (Messina, G.); Ottaviani, PL (Ottaviani, P. L.); Pagnutti, S (Pagnutti, S.); Parisi, G (Parisi, G.); Picardi, L (Picardi, L.); Quattromini, M (Quattromini, M.); Renieri, A (Renieri, A.); Ronci, G (Ronci, G.); Ronsivalle, C (Ronsivalle, C.); Rosetti, M (Rosetti, M.); Sabia, E (Sabia, E.); Sassi, M (Sassi, M.); Torre, A (Torre, A.); Zucchini, A (Zucchini, A.); Mattioli, M (Mattioli, M.); Pelliccia, D (Pelliccia, D.); Catani, L (Catani, L.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Gabrielli, E (Gabrielli, E.); Schaerf, C (Schaerf, C.); Musumeci, P (Musumeci, P.); Petrarca, M (Petrarca, M.); Alessandria, F (Alessandria, F.); Bacci, A (Bacci, A.); Bonifacio, R (Bonifacio, R.); Boscolo, I (Boscolo, I.); Broggi, F (Broggi, F.); De Martinis, C (De Martinis, C.); Castelli, F (Castelli, F.); Cialdi, S (Cialdi, S.); Giove, D (Giove, D.); Flacco, A (Flacco, A.); Maroli, C (Maroli, C.); Petrillo, V (Petrillo, V.); Rossi, AR (Rossi, A. R.); Serafini, L (Serafini, L.); Perrone, A (Perrone, A.); Labat, M (Labat, M.); Tcherbakoff, O (Tcherbakoff, O.); Lambert, G (Lambert, G.); Garzella, D (Garzella, D.); Bougeard, M (Bougeard, M.); Breger, P (Breger, P.); Monchicourt, P (Monchicourt, P.); Merdji, H (Merdji, H.); Salieres, P (Salieres, P.); Carre, B (Carre, B.); Couprie, ME (Couprie, M. E.); Emma, P (Emma, P.); Pellegrini, C (Pellegrini, C.); Reiche, S (Reiche, S.); Rosenzweig, J (Rosenzweig, J.)

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Record 34 of 50

Title: Measurement of the UCLA/URLs/INFN hybrid gun
Author(s): O'Shea, B (O'Shea, B.); Boni, A (Boni, A.); Fukasawa, A (Fukasawa, A.); Rosenzweig, JB (Rosenzweig, J. B.); Alesini, D (Alesini, D.); Ferrario, M (Ferrario, M.); Spataro, B (Spataro, B.); Ficcadenti, L (Ficcadenti, L.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.)

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Record 35 of 50

Title: The physics of the FLUKA code: Recent developments
Author(s): Ballarini, F (Ballarini, F.); Battistoni, G (Battistoni, G.); Brugger, M (Brugger, M.); Campanella, M (Campanella, M.); Carboni, M (Carboni, M.); Cerutti, F (Cerutti, F.); Empl, A (Empl, A.); Fasso, A (Fasso, A.); Ferrari, A (Ferrari, A.); Gadioli, E (Gadioli, E.); Garzelli, MV (Garzelli, M. V.); Lantz, M (Lantz, M.); Mairani, A (Mairani, A.); Mostacci, A (Mostacci, A.); Muraro, S (Muraro, S.); Ottolenghi, A (Ottolenghi, A.); Patera, V (Patera, V.); Pellicloni, M (Pellicloni, M.); Pinsky, L (Pinsky, L.); Ranft, J (Ranft, J.); Roesler, S (Roesler, S.); Sala, PR (Sala, P. R.); Scannicchio, D (Scannicchio, D.); Smirnov, G (Smirnov, G.); Sommerer, F (Sommerer, F.); Trovati, S (Trovati, S.); Villari, R (Villari, R.); Vlachoudis, V (Vlachoudis, V.); Wilson, T (Wilson, T.); Zapp, N (Zapp, N.)

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Record 36 of 50

Title: Status of the SPARX FEL project
Author(s): Vaccarezza, C (Vaccarezza, C.); Alesini, D (Alesini, D.); Bellaveglia, M (Bellaveglia, M.); Bertolucci, S (Bertolucci, S.); Biagini, ME (Biagini, M. E.); Boni, R (Boni, R.); Boscolo, M (Boscolo, M.); Castellano, M (Castellano, M.); Clozza, A (Clozza, A.); Cultrera, L (Cultrera, L.); Di Pirro, G (Di Pirro, G.); Drago, A (Drago, A.); Esposito, A (Esposito, A.); Ferrario, M (Ferrario, M.); Filippetto, D (Filippetto, D.); Fusco, V (Fusco, V.); Gallo, A (Gallo, A.); Ghigo, A (Ghigo, A.); Guiducci, S (Guiducci, S.); Migliorati, M (Migliorati, M.); Palumbo, L (Palumbo, L.); Pellegrino, L (Pellegrino, L.); Preger, M (Preger, M.); Sanelli, C (Sanelli, C.); Serio, M (Serio, M.); Sgamma, F (Sgamma, F.); Spataro, B (Spataro, B.); Stella, A (Stella, A.); Tazzioli, F (Tazzioli, F.); Vescovi, M (Vescovi, M.); Vicario, C (Vicario, C.); Ciocci, F (Ciocci, F.); Dattoli, G (Dattoli, G.); Doria, A (Doria, A.); Flora, F (Flora, F.); Gallerano, G (Gallerano, G.); Giannessi, L (Giannessi, L.); Giovenale, E (Giovenale, E.); Messina, G (Messina, G.); Ottaviani, PL (Ottaviani, P. L.); Parisi, G (Parisi, G.); Picardi, L (Picardi, L.); Quattromini, M (Quattromini, M.); Renieri, A (Renieri, A.); Ronsivalle, C (Ronsivalle, C.); Cialdi, S (Cialdi, S.); Maroli, C (Maroli, C.); Petrillo, V (Petrillo, V.); Rome, M (Rome, M.); Serafini, L (Serafini, L.); Catani, L (Catani, L.); Chiadroni, E (Chiadroni, E.); Cianchi, A (Cianchi, A.); Schaerf, C (Schaerf, C.); Musumeci, P (Musumeci, P.); Alessandria, F (Alessandria, F.); Bacci, A (Bacci, A.); Broggi, F (Broggi, F.); De Martinis, C (De Martinis, C.); Giove, D (Giove, D.); Mauri, M (Mauri, M.); Ficcadenti, L (Ficcadenti, L.); Mattioli, M (Mattioli, M.); Mostacci, A (Mostacci, A.); Emma, P (Emma, P.); Reiche, S (Reiche, S.); Rosenzweig, J (Rosenzweig, J.)

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Record 37 of 50

Title: RF deflector design and measurements for the longitudinal and transverse phase space characterization at SPARC
Author(s): Alesini, D (Alesini, David); Di Pirro, G (Di Pirro, Giampiero); Ficcadenti, L (Ficcadenti, Luca); Mostacci, A (Mostacci, Andrea); Palumbo, L (Palumbo, Luigi); Rosenzweig, J (Rosenzweig, James); Vaccarezza, C (Vaccarezza, Cristina)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 568 **Issue:** 2 **Pages:** 488-502 **DOI:** 10.1016/j.nima.2006.07.050 **Published:** DEC 1 2006
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Record 38 of 50

Title: Materials: Plastic fantastic down under
Author(s): Mostacci, A (Mostacci, Aldo)
Source: FILTRATION & SEPARATION **Volume:** 43 **Issue:** 9 **Pages:** 36-37 **DOI:** 10.1016/S0015-1882(06)71011-4 **Published:** NOV 2006
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Record 39 of 50

Title: Impedances of the cold bore experiment, COLDEX, installed in the SPS machine
Author(s): Spataro, B (Spataro, B.); Alesini, D (Alesini, D.); Migliorati, M (Migliorati, M.); Mostacci, A (Mostacci, A.); Palumbo, L (Palumbo, L.); Baglin, V (Baglin, V.); Jennings, B (Jennings, B.); Ruggiero, F (Ruggiero, F.)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 564 **Issue:** 1 **Pages:** 38-43 **DOI:** 10.1016/j.nima.2006.03.038 **Published:** AUG 1 2006
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Record 40 of 50

Title: Design and RF measurements of an X-band accelerating structure for linearizing the longitudinal emittance at SPARC
Author(s): Alesini, D (Alesini, D); Falone, A (Falone, A); Migliorati, M (Migliorati, M); Mostacci, A (Mostacci, A); Palpini, F (Palpini, F); Palumbo, L (Palumbo, L); Spataro, B (Spataro, B)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 554 **Issue:** 1-3 **Pages:** 1-12 **DOI:** 10.1016/j.nima.2005.07.072 **Published:** DEC 1 2005
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Title: Image currents in azimuthally inhomogeneous metallic beam pipes
Author(s): Mostacci, A (Mostacci, A)
Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 8 **Issue:** 8 **Article Number:** 084402 **DOI:** 10.1103/PhysRevSTAB.8.084402 **Published:** AUG 2005
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Record 42 of 50

Title: Linear optics measurements in the ESRF booster
Author(s): Papaphilippou, Y (Papaphilippou, Y); Farvacque, L (Farvacque, L); Plouviez, E (Plouviez, E); Mostacci, A (Mostacci, A); Patriarca, A (Patriarca, A)
Book Group Author(s): IEEE
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Record 43 of 50
Title: Status of the SPARC project
Author(s): Alesini, D (Alesini, D); Bertolucci, S (Bertolucci, S); Bellaveglia, M (Bellaveglia, M); Biagini, ME (Biagini, ME); Boni, R (Boni, R); Boscolo, M (Boscolo, M); Castellano, M (Castellano, M); Clozza, A (Clozza, A); Di Pirro, G (Di Pirro, G); Drago, A (Drago, A); Esposito, A (Esposito, A); Ferrario, M (Ferrario, M); Ficcadenti, L (Ficcadenti, L); Filippetto, D (Filippetto, D); Fusco, V (Fusco, V); Gallo, A (Gallo, A); Gatti, G (Gatti, G); Ghigo, A (Ghigo, A); Guiducci, S (Guiducci, S); Incurvati, M (Incurvati, M); Ligi, C (Ligi, C); Marcellini, F (Marcellini, F); Migliorati, M (Migliorati, M); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L); Pellegrino, L (Pellegrino, L); Preger, M (Preger, M); Ricci, R (Ricci, R); Sanelli, C (Sanelli, C); Serio, M (Serio, M); Sgamma, F (Sgamma, F); Spataro, B (Spataro, B); Stecchi, A (Stecchi, A); Stella, A (Stella, A); Tazzioli, F (Tazzioli, F); Vaccarezza, C (Vaccarezza, C); Vescovi, M (Vescovi, M); Vicario, C (Vicario, C); Alessandria, F (Alessandria, F); Bacci, A (Bacci, A); Boscolo, I (Boscolo, I); Broggi, F (Broggi, F); Cialdi, S (Cialdi, S); DeMartinis, C (DeMartinis, C); Giove, D (Giove, D); Maroli, C (Maroli, C); Mauri, M (Mauri, M); Petrillo, V (Petrillo, V); Rome, M (Rome, M); Serafini, L (Serafini, L); Levi, D (Levi, D); Mattioli, M (Mattioli, M); Medici, G (Medici, G); Musumeci, P (Musumeci, P); Pelliccia, D (Pelliccia, D); Petrarca, M (Petrarca, M); Ciani, A (Ciani, A); Catani, L (Catani, L); Chiadroni, E (Chiadroni, E); Gabrielli, E (Gabrielli, E); Tazzari, S (Tazzari, S); Ciocci, F (Ciocci, F); Dattoli, G (Dattoli, G); Dipace, A (Dipace, A); Doria, A (Doria, A); Flora, F (Flora, F); Gallerano, GP (Gallerano, GP); Giannessi, L (Giannessi, L); Giovenale, E (Giovenale, E); Messina, G (Messina, G); Ottaviani, PL (Ottaviani, PL); Pagnutti, S (Pagnutti, S); Parisi, G (Parisi, G); Picardi, L (Picardi, L); Quattromini, M (Quattromini, M); Renieri, A (Renieri, A); Ronci, G (Ronci, G); Ronsivale, C (Ronsivale, C); Rosetti, M (Rosetti, M); Sabia, E (Sabia, E); Sassi, M (Sassi, M); Torre, A (Torre, A); Zucchini, A (Zucchini, A); De Silvestri, S (De Silvestri, S); Nisoli, M (Nisoli, M); Stagira, S (Stagira, S); Rosenzweig, JB (Rosenzweig, JB); Dowell, DH (Dowell, DH); Emma, P (Emma, P); Limborg, C (Limborg, C); Palmer, D (Palmer, D)
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Record 44 of 50
Title: Design and measurements of an X-band accelerating cavity for SPARC
Author(s): Alesini, D (Alesini, D); Ferrario, M (Ferrario, M); Spataro, B (Spataro, B); Bacci, A (Bacci, A); Falone, A (Falone, A); Migliorati, M (Migliorati, M); Mostacci, A (Mostacci, A); Palpini, F (Palpini, F); Palumbo, L (Palumbo, L)
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Record 45 of 50
Title: The project PLASMONX for plasma acceleration experiments and a Thomson X-ray source at SPARC
Author(s): Alesini, D (Alesini, D); Bellaveglia, M (Bellaveglia, M); Bertolucci, S (Bertolucci, S); Biagini, ME (Biagini, ME); Boni, R (Boni, R); Boscolo, M (Boscolo, M); Castellano, M (Castellano, M); Clozza, A (Clozza, A); Di Pirro, G (Di Pirro, G); Drago, A (Drago, A); Esposito, A (Esposito, A); Ferrario, M (Ferrario, M); Ficcadenti, L (Ficcadenti, L); Filippetto, D (Filippetto, D); Fusco, V (Fusco, V); Gallo, A (Gallo, A); Gatti, G (Gatti, G); Ghigo, A (Ghigo, A); Guiducci, S (Guiducci, S); Incurvati, M (Incurvati, M); Ligi, C (Ligi, C); Marcellini, F (Marcellini, F); Migliorati, M (Migliorati, M); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L); Pellegrino, L (Pellegrino, L); Preger, M (Preger, M); Ricci, R (Ricci, R); Sanelli, C (Sanelli, C); Serio, M (Serio, M); Sgamma, F (Sgamma, F); Spataro, B (Spataro, B); Stecchi, A (Stecchi, A); Stella, A (Stella, A); Tazzioli, F (Tazzioli, F); Vaccarezza, C (Vaccarezza, C); Vescovi, M (Vescovi, M); Vicario, C (Vicario, C); Alessandria, F (Alessandria, F); Bacci, A (Bacci, A); Bonifacio, R (Bonifacio, R); Boscolo, I (Boscolo, I); Broggi, F (Broggi, F); Cialdi, S (Cialdi, S); DeMartinis, C (DeMartinis, C); Giove, D (Giove, D); Maroli, C (Maroli, C); Mauri, M (Mauri, M); Petrillo, V (Petrillo, V); Piovella, N (Piovella, N); Pozzoli, R (Pozzoli, R); Rome, M (Rome, M); Serafini, L (Serafini, L); Mattioli, M (Mattioli, M); Musumeci, P (Musumeci, P); Petrarca, M (Petrarca, M); Bottigli, U (Bottigli, U); Golosio, B (Golosio, B); Oliva, P (Oliva, P); Poggju, A (Poggju, A); Stumbo, S (Stumbo, S); Barbini, A (Barbini, A); Baldeschi, W (Baldeschi, W); Cecchetti, CA (Cecchetti, CA); Galimberti, M (Galimberti, M); Giulietti, A (Giulietti, A); Giulietti, D (Giulietti, D); Gizzi, LA (Gizzi, LA); Koester, P (Koester, P); Labate, L (Labate, L); Laville, S (Laville, S); Rossi, A (Rossi, A); Tomassini, P (Tomassini, P)
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Title: The SPARC/X SASE-FEL projects
Author(s): Alesini, D (Alesini, D); Bertolucci, S (Bertolucci, S); Biagini, ME (Biagini, ME); Boni, R (Boni, R); Boscolo, M (Boscolo, M); Castellano, M (Castellano, M); Clozza, A (Clozza, A); Di Pirro, G (Di Pirro, G); Drago, A (Drago, A); Esposito, A (Esposito, A); Ferrario, M (Ferrario, M); Fusco, V (Fusco, V); Gallo, A (Gallo, A); Ghigo, A (Ghigo, A); Guiducci, S (Guiducci, S); Incurvati, M (Incurvati, M); Ligi, C (Ligi, C); Marcellini, F (Marcellini, F); Migliorati, M (Migliorati, M); Milardi, C (Milardi, C); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L); Pellegrino, L (Pellegrino, L); Preger, M (Preger, M); Raimondi, P (Raimondi, P); Ricci, R (Ricci, R); Sanelli, C (Sanelli, C); Serio, M (Serio, M); Sgamma, F (Sgamma, F); Spataro, B (Spataro, B); Stecchi, A (Stecchi, A); Stella, A (Stella, A); Tazzioli, F (Tazzioli, F); Vaccarezza, C (Vaccarezza, C); Vescovi, M (Vescovi, M); Vicario, C (Vicario, C); Zobov, M (Zobov, M); Alessandria, F (Alessandria, F); Bacci, A (Bacci, A); Boscolo, I (Boscolo, I); Broggi, F (Broggi, F); Cialdi, S (Cialdi, S); De Martinis, C (De Martinis, C); Giove, D (Giove, D); Maroli, C (Maroli, C); Petrillo, V (Petrillo, V); Rome, M

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Title: Status of the SPARC project

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Di Salvo, Rachele		0000-0002-2162-714X

ISSN: 0168-9002

Record 48 of 50

Title: Traveling wave resonant ring for electron cloud studies

Author(s): Iriso, U (Iriso, U); Caspers, F (Caspers, F); Laurent, JM (Laurent, JM); Mostacci, A (Mostacci, A)

Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS Volume: 7 Issue: 7 Article Number: 073501 DOI: 10.1103/PhysRevSTAB.7.073501 Published: JUL 2004

Accession Number: WOS:000223075800008

ISSN: 1098-4402

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Record 49 of 50

Title: On trapped modes in the LHC recombination chambers: numerical and experimental results

Author(s): Spataro, B (Spataro, B); Brandt, D (Brandt, D); Caspers, F (Caspers, F); Li, D (Li, D); Migliorati, M (Migliorati, M); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L); Ruggiero, F (Ruggiero, F); Vos, L (Vos, L)

Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 517 **Issue:** 1-3 **Pages:** 19-27 **DOI:** 10.1016/j.nima.2003.09.046 **Published:** JAN 21 2004

Accession Number: WOS:000188503500003

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Migliorati, Mauro		0000-0001-7129-7348

ISSN: 0168-9002

Record 50 of 50

Title: Review of surface roughness effect on beam quality

Author(s): Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L); Alesini, D (Alesini, D)

Edited by: Rosenzweig J

Source: PHYSICS AND APPLICATIONS OF HIGH BRIGHTNESS ELECTRON BEAMS **Pages:** 328-359 **DOI:** 10.1142/9789812705235_0023 **Published:** 2003

Accession Number: WOS:000230000000023

Conference Title: Workshop on Physics and Applications of High Brightness Electron Beams

Conference Date: JUL 01-06, 2002

Conference Location: Chia Laguna, ITALY

Conference Sponsors: ICFA

ISBN: 981-238-726-9

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Record 1 of 9

Title: Bench measurements of low frequency transverse impedance
Author(s): Mostacci, A (Mostacci, A); Caspers, F (Caspers, F); Iriso, U (Iriso, U)
Edited by: Chew J; Lucas P; Webber S
Source: PROCEEDINGS OF THE 2003 PARTICLE ACCELERATOR CONFERENCE, VOLS 1-5 **Pages:** 1801-1803 **Published:** 2003
Accession Number: WOS:000189498600555
Conference Title: 20th Biennial Particle Accelerator Conference
Conference Date: MAY 12-16, 2003
Conference Location: Portland, OR
Conference Sponsors: Stanford Linear Accelerator Ctr, Lawrence Berkeley Natl Lab, IEEE, Nucl & Plasma Sci Soc, Amer Phys Soc, Div Phys Beams, US DOE, USN Off Naval Res, Natl Sci Fdn
ISBN: 0-7803-7738-9

Record 2 of 9

Title: Study of a low impedance beam position monitor for short bunches
Author(s): Alesini, D (Alesini, D); Spataro, B (Spataro, B); Vaccarezza, C (Vaccarezza, C); D'Alessio, C (D'Alessio, C); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L)
Edited by: Chew J; Lucas P; Webber S
Source: PROCEEDINGS OF THE 2003 PARTICLE ACCELERATOR CONFERENCE, VOLS 1-5 **Pages:** 2500-2502 **Published:** 2003
Accession Number: WOS:000189498600790
Conference Title: 20th Biennial Particle Accelerator Conference
Conference Date: MAY 12-16, 2003
Conference Location: Portland, OR
Conference Sponsors: Stanford Linear Accelerator Ctr, Lawrence Berkeley Natl Lab, IEEE, Nucl & Plasma Sci Soc, Amer Phys Soc, Div Phys Beams, US DOE, USN Off Naval Res, Natl Sci Fdn
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ISBN: 0-7803-7738-9

Record 3 of 9

Title: Evaluation of the horizontal to vertical transverse impedance ratio for LHC beam screen using a 2D electrostatic code
Author(s): Iriso-Ariz, U (Iriso-Ariz, U); Caspers, F (Caspers, F); Mostacci, A (Mostacci, A)
Edited by: Chew J; Lucas P; Webber S
Source: PROCEEDINGS OF THE 2003 PARTICLE ACCELERATOR CONFERENCE, VOLS 1-5 **Pages:** 3479-3481 **Published:** 2003
Accession Number: WOS:000189498601119
Conference Title: 20th Biennial Particle Accelerator Conference
Conference Date: MAY 12-16, 2003
Conference Location: Portland, OR
Conference Sponsors: Stanford Linear Accelerator Ctr, Lawrence Berkeley Natl Lab, IEEE, Nucl & Plasma Sci Soc, Amer Phys Soc, Div Phys Beams, US DOE, USN Off Naval Res, Natl Sci Fdn
ISBN: 0-7803-7738-9

Record 4 of 9

Title: Wake fields effects due to surface roughness in a circular pipe
Author(s): Angelici, M (Angelici, M); Frezza, F (Frezza, F); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT **Volume:** 489 **Issue:** 1-3 **Pages:** 10-17 **Article Number:** PII S0168-9002(02)00795-7 **DOI:** 10.1016/S0168-9002(02)00795-7 **Published:** AUG 21 2002
Accession Number: WOS:000177920500002
Author Identifiers:

Author	ResearcherID Number	ORCID Number
Frezza, Fabrizio	B-3453-2010	0000-0001-9457-7617

ISSN: 0168-9002

Record 5 of 9

Title: Wakefields due to surface waves in a beam pipe with a periodic rough surface
Author(s): Mostacci, A (Mostacci, A); Ruggiero, F (Ruggiero, F); Angelici, M (Angelici, M); Migliorati, M (Migliorati, M); Palumbo, L (Palumbo, L); Ugoli, S (Ugoli, S)
Source: PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS **Volume:** 5 **Issue:** 4 **Article Number:** 044401 **DOI:** 10.1103/PhysRevSTAB.5.044401 **Published:** APR 2002
Accession Number: WOS:000177324500006
Author Identifiers:

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Migliorati, Mauro		0000-0001-7129-7348

ISSN: 1098-4402

Record 6 of 9

Title: RF test benches for electron cloud studies
Author(s): Caspers, F (Caspers, F); Laurent, JM (Laurent, JM); Ariz, UI (Ariz, UI); Mostacci, A (Mostacci, A)
Edited by: Rumolo G; Zimmermann F
Source: ELOUD'02: MINI-WORKSHOP ON ELECTRON-CLOUD SIMULATION FOR PROTON AND POSITRON BEAMS, PROCEEDINGS **Book Series:** C E R N REPORTS **Volume:** 2002 **Issue:** 1 **Pages:** 275-286 **Published:** 2002
Accession Number: WOS:000178712500037
Conference Title: Mini Workshop on Electron-Cloud Simulations for Proton and Positron Beams
Conference Date: APR 15-18, 2002
Conference Location: CERN, GENEVA, SWITZERLAND
Conference Host: CERN
ISSN: 0007-8328

ISBN: 92-9083-193-6

Record 7 of 9

Title: Wake fields effects due to surface roughness in a circular pipe
Author(s): Angelici, M (Angelici, M); Frezza, F (Frezza, F); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L)
Edited by: Chattopadhyay S; Cornacchia M; Lindau I; Pellegrini C
Source: PHYSICS OF, AND SCIENCE WITH, THE X-RAY FREE-ELECTRON LASER **Book Series:** AIP CONFERENCE PROCEEDINGS **Volume:** 581 **Pages:** 33-44 **Published:** 2001
Accession Number: WOS:000172263700005
Conference Title: 19th Advanced ICFA Beam Dynamics Workshop on the Physics of, and Science with, the X-ray Free-Electron Laser
Conference Date: SEP 10-15, 2000
Conference Location: Arcidosso, ITALY
Conference Sponsors: Int Comm Future Accelerators, US DOE, Univ Calif Los Angeles, Stanford Linear Accelerator Ctr, Deutsch Electronen Synchrotron, Lawrence Berkeley Natl Lab
Author Identifiers:

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ISSN: 0094-243X
ISBN: 0-7354-0022-9

Record 8 of 9

Title: Analytical expressions for the coupling impedance of a long narrow slot in a coaxial beam pipe
Author(s): De Santis, S (De Santis, S); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L); Spataro, B (Spataro, B)
Source: PHYSICAL REVIEW E **Volume:** 58 **Issue:** 5 **Pages:** 6565-6569 **DOI:** 10.1103/PhysRevE.58.6565 **Part:** B **Published:** NOV 1998
Accession Number: WOS:000077052300061
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ISSN: 2470-0045
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Record 9 of 9

Title: Interference effects on the coupling impedance of many holes in a coaxial beam pipe
Author(s): DeSantis, S (DeSantis, S); Mostacci, A (Mostacci, A); Palumbo, L (Palumbo, L)
Source: PHYSICAL REVIEW E **Volume:** 56 **Issue:** 5 **Pages:** 5990-5995 **DOI:** 10.1103/PhysRevE.56.5990 **Part:** B **Published:** NOV 1997
Accession Number: WOS:A1997YH16800045
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