

MATCHES 2022

1st Workshop on **MAT**hematical **CH**allenges to and from new technologies **ES**

23-24 June 2022 Rome – Italy

Sala del Chiostro, Engineering Faculty of University of Rome "La Sapienza" – via Eudossiana 18

MATCHES aims at fostering, promoting and strengthening collaborations and interactions between researchers working in the field of applied mathematics and computer science, and small and medium-sized enterprises.

The workshop intends to be a laboratory in which researchers present advanced mathematical tools suitable for producing a strong industrial impact, and companies present the technological challenges to be faced in order to compete globally.

Workshop attendance is free of charge. However, participants are kindly invited to register by sending an email to

matches@sbai.uniroma1.it

Organizers:

Vittoria Bruni, Francesca Pitolli, Domenico Vitulano

Department of Basic and Applied Sciences for Engineering
Sapienza Rome University

Sponsored by



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Workshop Program:

23 June 2022 9:00 – 18:00

Keynote speaker: Prof. Anil Kokaram, Trinity College, Dublin - Ireland

Mathematical challenges and solutions in forensics

Invited enterprises: Expert.ai spa, Sigma Consulting srl

Invited speakers: Sebastiano Battiato, Michele Nappi, Marco Porta

Mathematical challenges and solutions in spectral processing

Invited enterprises: Nhazca srl, Superelectric srl

Invited speakers: Antonio Cicone, Francesca Rosi, Jonatan Lerga

Poster Session

young researchers, phd students, postdoc fellows contributions are welcome

24 June 2022 9:00 – 16:30

Keynote speaker: Prof. Daniela Calvetti, Case Western University, USA

Mathematical challenges and solutions in biology and medicine

Invited enterprises: Macs srl, Carl Zeiss spa

Invited speakers: Cristina Campi, Annalisa Pascarella, Erkki Somersalo

Mathematical challenges and solutions in multidimensional data processing

Invited enterprises: Dune srl, Unidata spa

Invited speakers: Carolina Beccari, Benedetta Morini, Massimo Roma

<https://www.sbai.uniroma1.it/workshop/matches2022/>