

Dr. Andrea Ciccioni short curriculum

Dr. Andrea Ciccioni (born 1969) is a Senior Scientist ("Ricercatore Universitario") at Sapienza, University of Rome, since 2004. He received a Master ("Laurea") in Chemistry in 1994 and a Ph.D. in Chemical Sciences in 2000 from Sapienza. In the period 2000-2004 he held various positions as post-doc researcher and in 2004 he's got a permanent position at the Department of Chemistry of Sapienza.

Dr. Ciccioni's research activity is focused on the investigation of thermodynamic properties of vaporization/decomposition processes as well as of new gaseous species produced at high temperature, by means of Knudsen Effusion Mass Spectrometry and other tensimetric/thermodynamic techniques. Experimental investigation of gaseous species is complemented with ab initio computational studies. The systems subject to study include intermetallics, ceramics, hybrid organic/inorganic perovskites, and ionic liquids.

Dr. Ciccioni is co-author of 51 papers published on international journals (h-index 15). He is a member of the ICTAC (International Confederation for Thermal Analysis and Calorimetry) Scientific Committee on Thermodynamics & Thermochemistry, of the Italian Association of Thermal Analysis and Calorimetry (AICAT), and of the Società Chimica Italiana. He is currently involved in the scientific projects "Synthesis, characterization and thermodynamic study of new lead halide perovskite systems", "Ionic Liquid-based electrolytes for Energy Storage devices (ILES)" and "Confined nanometals: structure and properties of alkali metals in mesopores (CUTE)".

Dr. Ciccioni has been teaching for twenty years in both undergraduate and graduate programs, such courses as General Chemistry, Physical Chemistry, and High Temperature Chemistry. In 2015 he was awarded for "Excellent University Teaching" from the Faculty of Mathematical, Physical, and Natural Sciences of Sapienza.
