

Claudio Mingazzini

Claudio Mingazzini was born in Faenza (RA), Italy, the 24th of June, 1970.

He graduated in Chemistry (5 years Academic Degree) cum laude in 1994 at the Bologna University, and qualified for the Professional Order of Chemists the same year. He further graduated with a 2-years Master's Degree on "Chemical methods of Analysis and Control" cum laude in 1996, and later obtained the PhD in Chemistry.

Since 1994 he has been employed by Italian National Research Agencies (5 years in ISTECCNR, www.istec-cnr.it, and 17 years in ENEA Faenza,

www.enea.it/en/faenza-laboratories) performing research work on ceramic material and coatings, focusing on their processing, microstructural characterisation, especially for thermomechanical applications in the energy field. Over the years he was among the authors of 57 scientific publications, 65 internal reports, 8 Italian patents application (2 of which became European Patents) and participated to over 10 International Scientific Conferences, about 10 National Conferences, and international prenormative research projects. Recently he has been focusing on Continuous Fiber Ceramic Composites, produced in Faenza laboratories by PIP and CVI. At the moment he coordinates WP3 of FP7 project Matisse (about ceramic composites application to IV generation nuclear reactors) and POR-FESR project EEE-CFCC (www.eee-cfcc.it, about low cost CFCC for transports, produced with preceramic prepreps). He also coordinates the ENEA Faenza activities within the H2020 project Nexttower (about Concentrated Solar Power systems, based on ceramic absorbers).