

CURRICULUM VITAE - Dr. Laura Silvestroni

PERSONAL INFORMATION

Name: Laura Silvestroni
Citizenship: Italian
Affiliation: National Research Council of Italy - Institute of Science, Technology and Sustainability for Ceramics (CNR-ISSMC, former ISTECC)
Address: via Granarolo 64, 48018 Faenza, Italy
Tel. +39 0546 699723
Fax. +39 0546 46381
e-mail: laura.silvestroni@cnr.it

PROFESSIONAL QUALIFICATIONS

EDUCATION

30/03/09	PhD in Industrial Chemistry (University of Bologna) thesis title: Development and Characterization of non-oxide composite ceramics for thermo-mechanical and tribological applications.
15/07/05	Master in Products, Materials, Processes for Industrial Chemistry (University of Bologna, Italy), experimental thesis title: Preparation and characterization of HfB ₂ -based ultra-high temperature ceramics, carried out at ISSMC-CNR (Institute of Science and Technology for Ceramics- Research National Council, Faenza, Italy), 110/110 cum laude.
29/10/03	Bachelor's degree in Science and Technology of Ceramic Materials (University of Faenza, Ra, Italy), experimental thesis title: Study of heavy metals in PM ₁₀ in province of Ravenna, carried out at ARPA (Regional Agency for Prevention and Ambient of Emilia Romagna, Ravenna, Italy), 110/110 cum laude.


WORKING EXPERIENCES

03/06/2022-03/06/2032	Abilitazione Scientifica Nazionale alle funzioni di professore universitario di Prima Fascia nel Settore Concorsuale 09/D1 - SCIENZA E TECNOLOGIA DEI MATERIALI
Since 01/01/21	Lead Researcher at CNR-ISSMC.
Feb '20- Oct '22	Supervisor of the FE-SEM at CNR-ISSMC.
Since 16/10/12	Permanent Researcher at CNR-ISSMC, III level.
01/01/11 – 19/03/17	Supervisor of the "Cutting and Surface finishing Laboratory" at CNR-ISSMC.
Jul '15-Mar '16	Visiting Scientist at the Technische Universität Darmstadt (Germany) working on ceramics characterization through transmission electron microscopy under the supervision of Prof. Dr. Hans-Joachim Kleebe.
09/09/13 -01/10/13:	Visiting Scientist at the Department of Materials Science & Engineering at the Missouri University of Science & Technology, MS&T University, Rolla, USA -, in the frame of the project between CNR and NSF: Materials World Network Program, Dual composite ceramics for improved properties.
13/09/10-15/10/12:	Fellowship at CNR-ISSMC with temporary contract, III level researcher (art. 23, DPR 171/91). "Development, microstructural and thermo-mechanic characterization of non-oxide ceramics for high temperature applications".
13/06/08-31/07/10:	Research grant at CNR-ISSMC: "Production and characterization of structural ceramics for thermal protections with superior thermo-mechanical and insulating
09/01/05-01/11/08	MATMEC research grant at CNR-ISSMC: Fabrication and microstructural and thermo-mechanical characterization of ceramics for anti-wear and anti-erosion applications.

LIST OF PUBLICATIONS ON INTERNATIONAL JOURNALS:

<https://orcid.org/0000-0003-4595-0299>

Faenza, January 7th 2025

 Laura Silvestroni

Quanto dichiarato nel presente curriculum vitae corrisponde al vero ai sensi degli artt. 46 e 47 del DPR 445/2000.