

Emiliana FABBRI



- Highest Graduation:** PhD in Materials Science from the University of Rome Tor Vergata, Italy (2008)
- Current Position:** Senior Scientist at Paul Scherrer Institute in Villigen, Switzerland
- Experience:** A significant part of the PhD studies were carried out at the University of Florida, Gainesville USA. Tenured scientist at the National Institute for Materials Science (NIMS), Japan.
- Research Interest:** Catalyst surface chemistry and electronic structure investigated by *operando* spectroscopy characterizations.
- Link to CV:** <https://www.linkedin.com/in/emiliana-fabbri-6913b055>
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Most Important Publication/Presentation:

122 publications on Research Gate → https://www.researchgate.net/profile/Emiliana_Fabbri

Research Project:

As senior scientist working on materials for electrochemical energy storage and conversion, with emphasis on metal oxides the aim is to gain a fundamental understanding of electrochemical reaction mechanisms and catalytic activity descriptors, she is particularly interested in the catalyst surface chemistry and electronic structure investigated by *operando* spectroscopy characterizations. Within the SCCER project, she has particularly investigated the anodic reaction occurring in alkaline water electrolyzers, key devices for a sustainable and green-energy economy, developing novel highly active and stable electrocatalysts.