

Paolo Falcaro

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Web-pages <https://www.tugraz.at/institute/ptc/research/falcaro-group/>
<https://scholar.google.com/citations?user=yZnp0J8AAAAJ&hl=en>

Main Areas of Research

Investigation of porous materials prepared via self-assembly methods. Porous materials of interest include Metal-Organic Frameworks (MOFs) and Mesoporous Silicates. With the final aim of bringing new porous-based materials towards practical applications (e.g. sensing, biotechnology, environmental remediation and optics) the Falcaro group engineers novel porous composites and designs protocols for the fabrication of porous material-based devices.

Career

- 2017 ERC Consolidator Awardee.
Head of the consortium “Porous Materials@Work” (TU Graz) – Austria. =
- 2016 Full Professor at Graz University of Technology (TU Graz) – Austria. =
Adjunct Professor at The University of Adelaide. Australia 🇦🇺
- 2014-2016 Team Leader of the Adaptive Porous Materials Team at CSIRO – Manufacturing Flagship (Clayton, Melbourne). Australia 🇦🇺
- 2013 Guest Professor at Osaka Prefecture University – Japan 🇯🇵
- 2012-2014 Research Scientist / ARC DECRA Fellow / Group Leader
CSIRO - Material Science & Engineering division (Clayton, Melbourne). Australia 🇦🇺
- 2009-2011 Post-Doc (OCE Science Leader) CSIRO at Material Science & Engineering division (Clayton, Melbourne). Australia 🇦🇺
- 2005-2008 Senior Researcher and manager of the Sol-Gel platform at Nanofab (Venice). Italy 🇮🇹
- 2006 PhD in Material Engineering – Padova University (Padova). Italy 🇮🇹

Publications

Peer-reviewed publications: **125**

H-index: **42**; citations: ~ **6000**

Invited talks to international conferences or international schools: > **50**

Patents: **8**

Journal covers: **27**

Awards: **14**, including John Booker Medal, JSPS Invited Professor Fellowship, ISGS Ulrich Award