

CiQUS Lecture



Covalent organic frameworks – From design to applications

Dr. Laura M. Salonen

Nanochemistry Research Group at the International Iberian Nanotechnology Laboratory – INL (Portugal)



More info: [Lecturer web page](#)



Tuesday, November 30, 2021
11:45 a.m. CiQUS Seminar Room & Zoom Session

FONDO EUROPEO DE DESENVOLVIMENTO REGIONAL
PO FEDER Galicia 2014-2020 – Unha maneira de facer Europa

Nanochemistry research group website: <http://nanochemgroup.org>

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Laura M. Salonen is a tenured Staff Researcher in the Nanochemistry Research Group at the International Iberian Nanotechnology Laboratory (INL). Laura is an organic chemist (MSc from University of Turku, Finland), who did her PhD at ETH Zürich, Switzerland, with Prof. François Diederich studying intermolecular interactions in protein-ligand complexes. After a 2-year postdoctoral stay at LMU Munich, Germany, with Prof. Dirk Trauner and Prof. Thomas Bein, she joined the INL in Braga, Portugal, as Marie Skłodowska-Curie actions (MSCA) Cofund research fellow. In 2017, she was promoted as a Staff researcher (tenured in 2020) in the same institute.

At the INL, Laura has established a research line on covalent organic frameworks (COFs), focusing on their synthesis and application in the capture of water pollutants and catalysis. Laura is currently the PI of FCT-UT Austin project COFforH₂ to explore the use of COFs as artificial metalloenzymes for the activation of hydrogen, and FCT SR&TD project Charm (start 2022) to develop supported covalent organic frameworks for the monitoring of pharmaceutical pollutants, as well as team member in several international and national projects.