

Manuel Cardona Lectures

These lectures provide the opportunity to hear from some of the most prominent researchers in nano-related fields. They stand in tribute to Prof. Manuel Cardona, a key figure in the history of the ICN2.



Prof. Omar M. Yaghi

University of California, Berkeley, California, USA



Friday, 8 June, 2018
16:30h



Sala d'actes i reunions,
Facultat Ciències i
Bociències UAB

Invited by:

*ICREA Prof. Daniel Maspoch
Supramolecular Nanochemistry
and Materials Group, ICN2*

Reticular Chemistry

The ICN2 proudly presents a lecture by Prof. **Omar M. Yaghi**, currently the James and Neeltje Tretter Chair Professor of Chemistry at the University of California, Berkeley. Widely known for the discovery and development of several classes of new materials, Prof. Yaghi pioneered the new field of reticular chemistry, which he defines as "stitching molecular building blocks into extended structures by strong bonds". Among the new materials he has designed are metal-organic frameworks (MOFs), covalent organic frameworks (COFs) and zeolitic imidazolate frameworks (ZIFs), noted for their high surface area and versatile applicability in clean energy technologies and water harvesting.

*In collaboration with the Universitat Autònoma de Barcelona's
PhD programme in Chemistry*