



Welcome: Man-made covalent monomolecular sheets with internal long-range order (synthetic two-dimensional polymers or S2DPs) have been a long-sought class of synthetic macromolecules with enormous interest with regard to their fundamental properties and potential applications. Recently, a few first instances of this class of molecules were achieved, opening a door for these intriguing targets to the real world. Several groups worldwide with a variety of backgrounds are discovering more candidates, transforming the field into a major research area. Considering these circumstances, the organizers launched the first symposium on this matter in Zürich in June 2014, to pave the way for further success in this direction.

With the great success of the first symposium, we agreed to organize the second symposium to further advance this new field of science and technology. The organizers are convinced of the enormous future impact that synthetic two-dimensional polymers and covalent molecular sheets will have. In particular, they intend to bring together high-caliber international specialists from all fields (chemistry, physics, theory, materials, structure analytics, mechanics, electronics) to discuss the burning questions, ranging from synthesis to structure analysis and from properties, functions, and potential societal impact.

Symposium Chairs

Dates: June 2–4, 2016

Venue: Todaiji Temple Cultural Center (Nara, Japan)

Co-Chairs: Prof. Yoshito Tobe, Prof. Dieter A. Schlüter, Prof. Benjamin T. King

Organizing Committee: Prof. Hiroshi Nishihara, Prof. Akira Harada, Prof. Masaji Kunitake

Invited Speakers (Confirmed):

Prof. William Dichtel (Cornell University, USA)
Prof. Xinliang Feng (Technische Universität Dresden, Germany)
Prof. Kimoon Kim (POSTECK, Korea)
Prof. Benjamin T. King (University of Nevada, Reno, USA)
Prof. Masashi Kunitake (Kumamoto University, Japan)
Prof. Markus Lackinger (Deutsches Museum, Germany)
Prof. Shengbin Lei (Harbin Institute of Technology, China)
Prof. Yulian Li (Chinese Academy of Sciences, China)
Prof. Rie Makiura (Osaka Prefecture University, Japan)
Prof. Jean-François Morin (Université Laval Québec, Canada)
Prof. Hiroshi Nishihara (The University of Tokyo, Japan)
Prof. Dieter A. Schlüter (ETH Zürich, Switzerland)
Prof. Noriyuki Yoshimoto (Iwate University, Japan)
Prof. Wei Zhang (University of Colorado, USA)
... and more.

Website: <http://www.chem.es.osaka-u.ac.jp/S2DP2016>

More information will be updated in a symposium website.

Contact (S2DP-2 Office): S2DP-2Office@chem.es.osaka-u.ac.jp