## The 203<sup>rd</sup> iCeMS SEMINAR

Mon 23 May 2016 10:00-12:00

## Material Chemistry in Two Dimensions

Lecturer: Prof Josef Breu

Chair of Inorganic Chemistry | University of Bayreuth

Venue: 2nd Floor Seminar Room iCeMS Main Building, Kyoto University

The intrinsically anisotropic bonding in layered materials may enable a vivid intracrystalline reactivity that allows for post synthetic functionalization via topotactic ion exchange or intercalation. In his presentation, such layered materials will be presented with focusing some applications such as gas separation and enantiodiscrimination.







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