Saitama University 埼玉大学

復旦大學

Faculty of Science, Saitama University

HiSEP Seminar 2024

Coordination bond directed interfacial self-assembly of well-defined low-dimensional smart materials

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7/12 Fri. 13:00-14:30

Room 403, Lecture Hall 1

Interfacial self-assembly has been widely used for the fabrication of novel multifunctional materials as well as molecular devices and machines at the molecular level. It has attracted growing interest recently, accompany with the development of organic electronics, supramolecular science, low-dimensional layered architecture, and nanotechnology. The sensitized smart materials are widely used in the fields such as opto-electrical and energy conversion devices, sensing and sensors, biomimetic catalytic reactions, and others. In this talk, after a brief introduction on the molecular self-assembling techniques, I will give a summary on our recent work on the low-dimensional metalloporphyrin arrays and sensitized graphitic carbon nitrides.

Please feel free to join us! The lecture will be available via Zoom.

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