iCeMS Kitagawa Group Seminar



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"Studies on Organic-Inorganic Hybrid Materials Towards Sustainable Developments"

Date: June. 7th, 2024 Time: 13:00-14:00 Place: 4F meeting room, iCeMS main building

Molecules mixture molecules **ABSTRACT:** of those or are economically and environmentally useful for the sustainable growth of human civilization are broadly known as materials. Organic-inorganic hybrids appear as a creative platform for obtaining new materials with many unexpected features. Hybrid materials consisting of metal knot and organic linkers are considered as potential podia for applications in diverse fields.¹ The common applications such as gas storage and separation, catalysis, electrical conductivity, sensing, magnetism, drug delivery, solar cell etc. Some of these compounds can be tuned by varying diversity of framework structures of Coordination Polymers (CPs) or Metal Organic Frameworks (MOFs). For the last few years, our research group is working on the design, characterization and application of organic-inorganic hybrid materials. In this talk, some of the interesting results will be presented.²⁻⁶

You can find more information here (click)

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