



2013年度 物質生命理工学科コロキウム

上智大学 理工学部 物質生命理工学科 主催
理工学部・理工学振興会 共催

“Studies on intra- and intermolecular interactions in ionic liquids”

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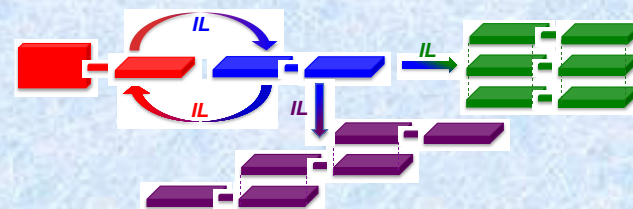
2013年 10月 28日 (月) 15:15 -16:45

場所：L-911 (図書館内)



Ionic liquids, liquids composed entirely of ions, have been referred to as “designer solvents”, because by altering their structure, it is possible to control their properties and as a result it is plausible to design an optimal solvent for a particular process. This paradigm has been primarily demonstrated for of synthetic organic transformations, while non-covalent interactions in ionic liquids have received less attention.

The seminar will describe several proof-of-principle cases that include ionic liquid-controlled conformation of tetracycline and a porphyrin rotor as well as the modulation of the self-assemblies of amphotericin B and supramolecular polymers.



学生の聴講歓迎・申込不要・参加無料

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