

講演会のお知らせ

講師：Prof. David B. Amabilino

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演題：Supramolecular gels under the spotlight

Visible light has a multitude of effects on supramolecular gel systems in their solvated state, perhaps the most frequent being change in gel structure because of isomerization. In this talk, different scenarios for these changes will be presented. Multicomponent gels formed by the incorporation of anionic guests into positively charged gelator molecules will be presented. The movement of molecules in supramolecular gels will be shown to be promoted by incorporation of azobenzene photoswitches and the effect of light intensity on gels incorporating a phthalocyanine derivative will be discussed. In both these cases, super-resolution optical microscopy has been used to probe the molecular movement that is observed in the solvated gel state.

日時：令和7年6月22日（月）11：15～12：30

場所：理学部 C107 講義室

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