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Hub Meeting

発表者：

WELLING Thomas Arnoldus Josephus Asst. Prof.

(東北大学 学際科学フロンティア研究所 / 物質材料・エネルギー)

ナノ粒子で創る：自己組織化による材料設計

Building with nanoparticles: material design through self-organization

Summary

*Language: English

Nanoparticles exhibit superior properties compared to their bulk counterparts such as strong interactions with light and increased surface area. Building new structures with these nanoparticles unlocks additional properties and allows us to bridge the gap from the nanoscale to the application scale. In this talk, I will introduce the fields of colloidal science and nanoparticle self-assembly by discussing their fundamental concepts, history and current trends. I will also touch on the many connections with different fields and how colloidal science can be harnessed for interdisciplinary research. Finally, I will introduce my research in which I build controlled structures of nanoparticles for light manipulation, adsorption, and catalysis.

第67回 FRISハブミーティング/第50回 TI-FRISハブミーティング

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16:00 -



参加登録



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【お問い合わせ】 TI-FRIS 事務局 ti-fris@fris.tohoku.ac.jp