

21COE 物質階層融合科学セミナー  
物性コロキウム

日時： 5月25日(木) 16:30 - 18:00

場所： 理学部 理学総合棟 743号室(大学院講義室)

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題目： Domains of colloidal phase diagrams

要旨：

We propose a novel means to study the thermodynamic phase diagrams. Differing from the conventional method in which boundaries of coexisting phases are the ultimate goal, the present work crosshatches the domains of one phase (gas, liquid and solid) and also phases in coexistence. The idea is applied to study the thermally responsive microgel dispersion (Poly-N-isopropylacrylamide) shown experimentally to swell in water as the temperature varies and exhibit a reversible and continuous volume transition.

連絡先： 川勝年洋(795-6438)

16:15 よりコーヒー、紅茶、お菓子を用意します。

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