

794th ASRC Seminar

Date: November 17 (Tuesday), 15:00~16:30

Location: Zoomによるオンラインセミナー

Speaker: 内野 瞬 氏

(先端基礎研究センター 先端理論物理研究グループ)

Title: Quantum many-body physics with ultracold atomic gases

(冷却原子ガスを用いた量子多体系物理)

Abstract:

Quantum many-body phenomena are ubiquitous in physics, ranging from elementary particle and nuclear physics to condensed matter physics. Recently, ultracold atomic gases offer an ideal playground to simulate bare essentials of quantum many-body phenomena due to high controllability and flexibility of the systems. In this seminar, I will discuss recent developments of ultracold atomic gases such as Bose-Einstein condensation, strongly interacting Fermi gases, and quantum transport, based on my research experience.

<Contact>

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ZoomのURLにつきましては、
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ご連絡ください。

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