

ERATO TOMOE Three-Nucleon Force Project

Progress Meeting: Recent research updates and topics from related fields

Project Overview – Nuclear Force Completion to Scientific Innovation –

The TOMOE project aims to understand the fundamental mechanisms of nuclear properties and extend them to applied sciences. This project seeks to determine the three-nucleon force through integrated theoretical and experimental approaches, and subsequently utilize this knowledge to develop quantum many-body calculation methods and simulation tools for accurately predicting nuclear properties.

Organizer

ERATO TOMOE Three-Nucleon Force Project

Research Director: Kimiko Sekiguchi [Kyoto University/RIKEN]



Conference Information

2025年6月30日(月) – 7月1日(火)

June 30 (Mon) – July 1 (Tue), 2025

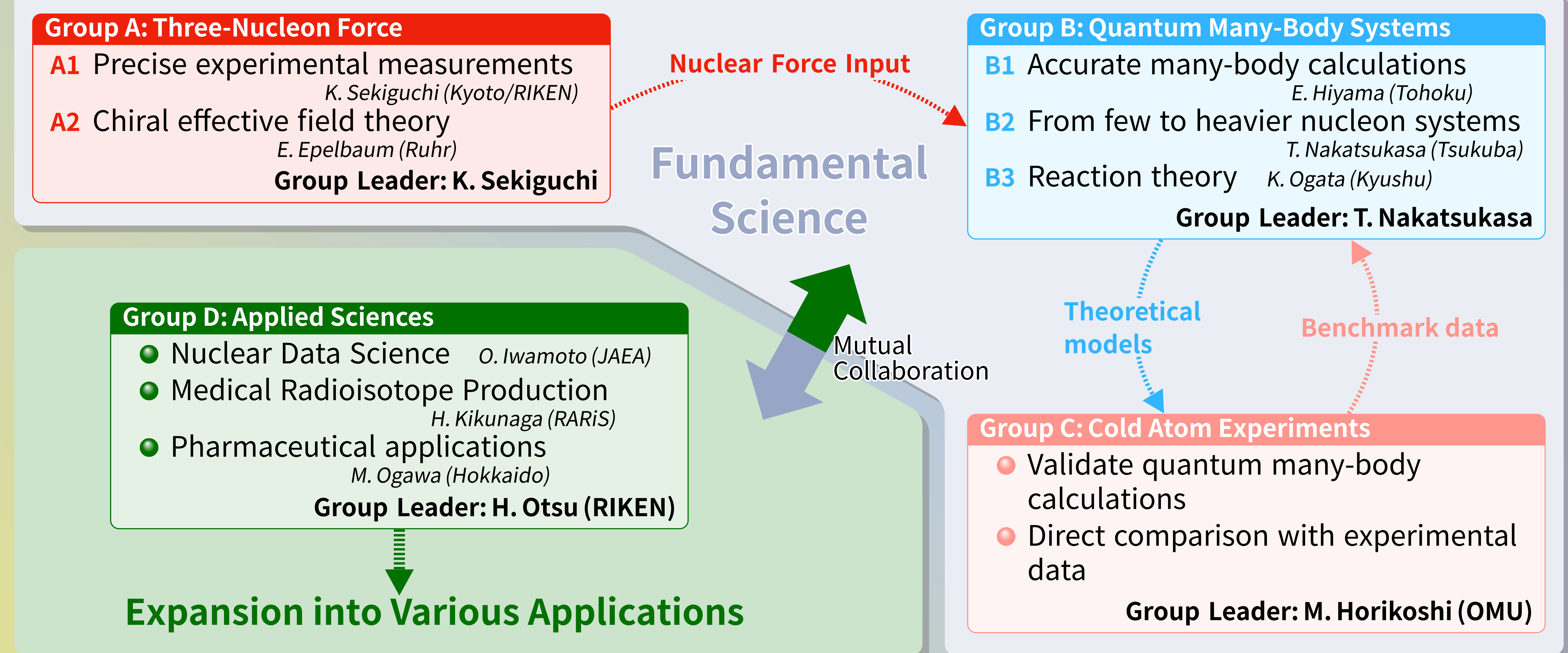
京都大学 理学研究科 セミナーハウス
(京都大学 吉田キャンパス北部構内)

Seminar House, Graduate School of Science
Kyoto University
(Northern Yoshida Campus)



🌐 Open to online attendees
and external researchers

Research Groups



Program Highlights



Research Presentations

Latest results from Groups A-D

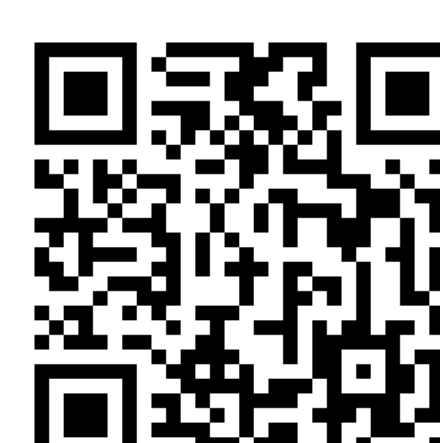


Special Topics

- **Nuclear Medicine and Nuclear Data** Prof. M. Ogawa
Team Leader (Group D)
- **Neutrino Research and Nuclear Data** Dr. S. Abe [Invited]
Kamioka Observatory, Institute for Cosmic Ray Research (ICRR)
The University of Tokyo
- **Cold Atom Systems and Three-Body Forces** Prof. H. Tajima [Invited]
Department of Physics, Graduate School of Science
The University of Tokyo

Registration

- Registration required (Free)
- Registration URL: <https://indico2.riken.jp/event/5189/>
- Please register by [registration deadline TBD]



Contact Information

For inquiries, please contact:

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