

# PCM2025

March 4 - 7 2025

International Symposium

Single-particle and collective motions from nuclear many-body correlations

## *Location*

**University of Aizu**

**Aizu-Wakamatsu, Fukushima, Japan**

## *Topics*

- ◆ Structure of weakly-bound states and resonances
- ◆ Shell structure at far edges of stability
- ◆ Giant and soft resonances
- ◆ Deformation and collective motion
- ◆ Quenching problems
- ◆ Clustering and correlations

## *Invited Speakers*

**Sven Åberg (Lund Univ.)**

**George F. Bertsch (Univ. of Washington)**

**Bo Cederwall (KTH Royal Inst. of Technology)**

**Jie Chen (Southern Univ. of Sci. and Tech.)**

**Gianluca Colò (Univ. of Milan)**

**Stefan Frauendorf (Univ. of Notre Dame)**

**Nobuo Hinohara (Univ. of Tsukuba)**

**Hironori Iwasaki (FRIB / MSU)**

**Yoshiko Kanada-En'yo (Kyoto Univ.)**

**Benjamin P. Kay (ANL)**

**Augusto O. Macchiavelli (ORNL)**

**Takayuki Miyagi (Univ. of Tsukuba)**

**Peter Möller (Lund Univ.)**

**Takashi Nakamura (Science Tokyo)**

**Marek Płoszajczak (GANIL)**

**Susumu Shimoura (RIKEN)**

**Junki Tanaka (RCNP)**

## *Organized by*

D. Suzuki, M. Yamagami  
N. Aoi, E. Ideguchi, N. Imai, A. Odahara, M. Kimura,  
T. Koike, K. Hagino, T. Nakamura, M. Honma, and K. Yoshida

## *Hosted by*

University of Aizu, RIKEN Nishina Center  
Research Center for Nuclear Physics, Osaka University  
Center for Nuclear Study, the University of Tokyo  
Quark Nuclear Science Institute, the University of Tokyo

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