# CAS Youth Salon Related to HIAF/HIRIBL physics

## Monday 09 November 2026

**Presentation: High-Rigidity Radioactive Ion Beam Line (HIRIBL)** **(08:50-09:20)**

**Presentation: Prospects of in-beam gamma-ray spectroscopy at the RIBF and FAIR** **(09:20-09:50)**

**Presentation: Collaboration ideas and opportunities between ATOMKI and HIAF** **(10:20-10:50)**

**Presentation: Nuclear Structure and Mass Measurements at HIRIBL** **(10:50-11:20)**

**Presentation: Status of Decay Spectroscopy and Detector Developments at RIBF** **(11:20-11:50)**

**Presentation: Recent advances at the RIKEN RIBF decay stations** **(14:30-15:00)**

**Presentation: Perspectives of IMP-DRAGON for probing the atomic nucleus at HIAF-HIRIBL** **(15:00-15:30)**

**Presentation: Study of nuclei beyond the proton drip line via in-flight decay spectroscopy** **(15:30-16:00)**

# Tuesday 10 November 2026

**Presentation: Interaction cross section measurements: Toward heavier nuclei** (08:30-09:00)

**Presentation: Inclusive cross section measurements at HIRIBL** (09:00-09:30)

**Presentation: Multineutron Correlations and Alpha Clustering: Progress and Perspectives** (09:30-10:00)

**Presentation: LISA and perspectives for HIAF** (10:20-10:50)

**Presentation: A New View of 80Ge: High-Resolution β -Decay Spectroscopy Beyond the Neutron Threshold** (10:50-11:20)

**Presentation: PLASEN and its application to radioactive isotopes and molecules** (11:20-11:50)

# Wednesday 11 November 2026

**Presentation: Past, present, and future MRTOF-based research in Japan** (08:30-09:00)

**Presentation: Mass measurements of rare isotopes with TOF mass spectrometry at HIAF** (09:00-09:30)

**Presentation: Charge exchange reactions and the opportunities at HIAF** (09:30-10:00)

**Presentation: Probing nucleon correlations using knockout reactions** (10:20-10:50)

**Presentation: Exploring Exotic Nuclear Structures via Quasi-Free Knockout Reactions** (10:50-11:20)