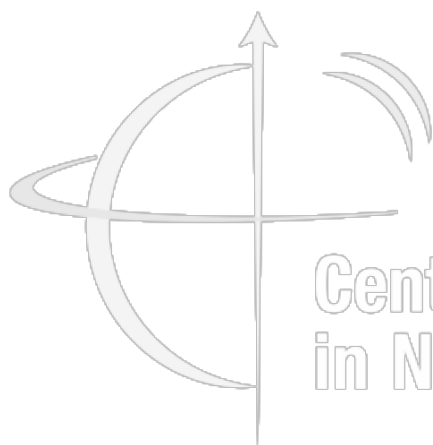


Session Program

Apr 13 - 17, 2026



Center for Frontiers
in Nuclear Science

Workshop on NREC 2026 (the second workshop on Nuclear Radius Extraction Collaboration)

Monday

Stony Brook University / Online, CFNS, C 120: Peter Paul Seminar Room, Physics Building

Mon, April 13

9:00 AM

Monday

Session

9:00 – 9:15 AM **Opening remarks by the organizing committee chair**

Speaker

Jan Bernauer

9:15 – 9:50 AM

Report from 2025 ECT* workshop on "light nuclei charge radii" by the organizers

Speaker

Franziska Hagelstein

9:50 – 10:20 AM

Sub-part-per-trillion test of the Standard Model with atomic hydrogen

Speaker

Lothar Maisenbacher

10:20 – 10:40 AM **Coffee**

10:40 – 11:10 AM

Precise nuclear charge radius determination via bound electron g-factors

Speaker

Fabian Heiße

11:10 – 11:40 AM

Nuclear Charge Radii from the Simplest Molecules: Status and Perspectives

Speaker

Soroosh Alighanbari

11:40 AM – 12:00 PM **Discussion**

12:00 – 1:30 PM **Lunch**

1:30 – 2:00 PM

Measurements of the Lamb shift in antihydrogen at GBAR-CERN for the antiproton charge radius determination

Speaker

Christian Regenfus

2:00 – 2:50 PM

Overview on energy-momentum tensor form factors and mass/mechanical radii

Speaker

Peter Schweitzer

2:50 – 3:20 PM **Coffee**

3:20 - 3:50 PM

Beyond the charge radius: using King Nonlinearity to study nuclei structure at unprecedented precision

Speaker

Gil Paz

3:50 - 4:20 PM

Measurements of the nuclear charge and nuclear mass radii in ultra-peripheral nuclear collisions

Speaker

Zhangbu Xu

4:20 - 4:50 PM

Discussion

4:50 PM