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## Extending the Daejeon16 NN Interaction

The Daejeon16  $NN$  interaction, based on SRG-evolved N3LO interaction and fitted to light nuclei via Okubo-Lee-Suzuki transformation, effectively reproduces many properties of narrow states in  $p$ -shell nuclei without explicit three-nucleon forces. We are extending this approach to describe the nuclei near  $Z=8$  including the light  $sd$ -shell.

**Primary author:** SHIN, Ik Jae (IRIS / IBS)

**Co-authors:** Dr MAZUR, Igor (CENS / IBS); Prof. SMIRNOVA, Nadezda (LP2IB); Prof. SHIROKOV, Andrey (Skobeltsyn Institute of Nuclear Physics); Prof. VARY, James (Iowa State University)

**Presenter:** SHIN, Ik Jae (IRIS / IBS)

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