

## The 23rd International Conference on Few-Body Problems in Physics (FB23)



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### Multi-neutron correlations around the neutron drip line

Structure and neutron correlations of nuclei at and beyond the neutron drip line have attracted lots of attention in the last decades. They are not only important for advancing our understanding of the structure and interactions of the finite nuclei, and could also bring new insights into the properties of neutron-rich matter that makes up neutron stars. In this talk, I will discuss our recent progress in light neutron-rich nuclei (e.g.,  $^{11}\text{Li}$ ,  $^7\text{He}$ ,  $^7\text{H}$ ) which are based on experiments performed at the RIKEN RIBF facility.

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