## High-spin structure of neutron rich Se and Ge isotopes

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The band structure of the Se and Ge isotopes around the mass 80 is studied in terms of the full-fledged shell model. The monopole and quadrupole pairing plus quadrupole-quadrupole interaction is employed as an effective interaction. As for single-particle levels, all the four orbitals in the major shell between the magic numbers 28 and 50 are taken into account for both neutrons and protons. The calculation reproduces the experimental energy levels of high-spin states as well as low-lying states well. The shell model results are examined in a pair-truncated shell model, where the full shell model space is restricted within the subspace of collective pairs. The results of these calculations will be presented and discussed in this symposium.

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