

NuSym23, XIth International Symposium on Nuclear Symmetry Energy

Wednesday 20 September 2023

Microscopic calculations of neutron-rich, dense nuclear matter - Main Lecture Hall (08:30-09:55)

-Conveners: Hermann Wolter

| time | [id] title | presenter |
|-------|---|----------------------|
| 08:30 | [43] What are true ab initio calculations of neutron-rich matter? | MACHLEIDT, Ruprecht |
| 09:00 | [27] Order-by-order convergence of chiral nuclear forces in neutron matter (online) | GEZERLIS, Alexandros |
| 09:30 | [12] Nuclear Symmetry Energy from Quantum Skyrmion Crystals | ADAM, Christoph |

Microscopic calculations of neutron-rich, dense nuclear matter: Parallel session (II) - Theory Seminar Room

(11:05-12:50)

-Conveners: Ruprecht Machleidt

| time | [id] title | presenter |
|-------|--|------------------------|
| 11:05 | [1] The Symmetry Energy: Current Status of Ab Initio Predictions vs. Empirical Constraints | SAMMARRUCA, Francesca |
| 11:30 | [44] How meson crossing terms reconcile the recent observational data. | Prof. KUBIS, Sebastian |
| 11:50 | [72] Nuclear models based on energy density functional for astrophysics applications | GRAMS, Guilherme |
| 12:10 | [38] Self-energy of pion and its impact on equation of state | Dr RAHMAN, Ninoy |
| 12:30 | [4] Nuclear matter and neutron stars from the relativistic Brueckner-Hartree-Fock theory in the full Dirac space | WANG, Sibö |

Thursday 21 September 2023

Microscopic calculations of neutron-rich, dense nuclear matter - Main Lecture Hall (08:30-09:00)

-Conveners: William Lynch

| time | [id] title | presenter |
|-------|--|--------------|
| 08:30 | [62] Nuclear EOS for arbitrary proton fraction and temperature based on chiral EFT and a Gaussian Process Emulator | HEBELER, Kai |