

Dear Colleagues,

We are pleased to announce the 4th International Workshop on Quantitative Challenges in Short-Range Correlations (SRC) and the EMC Effect Research. The Workshop will be held at CEA Paris-Saclay in France on the week of January 30th 2023.

The workshop will:

- Review the recent experimental results on SRC and EMC effect from Jefferson Lab, JINR, and GSI-FAIR using electron, photonuclear, and hadronic probes
- Present the different theoretical approaches in the description of SRC in nuclear structure calculations (contact formalism, quasi-deuteron approach, ab-initio approaches)
- Survey appropriate methods of reaction theory, with specific focus on hadron induced reactions
- Discuss about the theoretical interpretation of SRC, and isolate the most relevant observables that should be measured / calculated
- Discuss the roadmap for future experimental and theoretical developments

Additional details and registration can be found here: <https://indico.mit.edu/event/656/>

This workshop is supported by the Espace de Structure Nucléaire Théorique (ESNT) of the CEA/DRF and CEA/DAM.

If you are interested in presenting your work at the meeting please contact the organizing committee:

Tom Aumann (TUDa and GSI), <T.Aumann@gsi.de>

Anna Corsi (CEA), <acorsi@cea.fr>

Or Hen (MIT), <hen@mit.edu>

Julian Kahlbow (MIT and TAU), <jkahlbow@mit.edu>

Eli Piassetzky (TAU), <eip@tauphy.tau.ac.il>

Stefan Typel (TUDa and GSI), <stypel@ikp.tu-darmstadt.de>

Looking forward to seeing you all in CEA Paris-Saclay!

The organizing committee