

2nd Circular: 4th Intl. Workshop in SRC and EMC Research

Dear Colleagues,

The 4th International Workshop on Quantitative Challenges in Short-Range Correlations (SRC) and the EMC Effect Research will take place at CEA Paris-Saclay in France on the week of January 30th 2023.

The workshop will be held in person and we welcome our speakers on-site. However, we intend to broadcast the talks on zoom. **If you are interested in joining the talks remotely, please register here by 28 Jan 2023 to receive the connection details:**

<https://indico.mit.edu/event/656/>

The program has been finalized, the workshop goals are:

- 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
- 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

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

Sincerely,
The organizers

Organizing Committee:
Tom Aumann (TUDa and GSI)
Anna Corsi (CEA)
Or Hen (MIT)
Julian Kahlbow (MIT and TAU)
Eli Piassetzky (TAU)
Stefan Typel (TUDa and GSI)
Erez O. Cohen (NRCN)