

## WORKSHOP

# Short-distance nuclear structure and PDFs

Trento, 17-21 July 2023

### ORGANIZERS

Nadia Fomin (University of Tennessee, US)  
John Arrington (LBNL, US)  
Noeimi Rocco (Fermi National Laboratory, I)  
Raphaël Dupré (IJCLab - CNRS - Univ. Paris-Saclay, F)

### MAIN TOPICS

Short-range correlations (SRCs): A-dependence, isospin dependence, momentum dependence, nuclear structure calculations, reaction mechanisms, isolating 3N-SRCs.

EMC effect - new data, viable explanations, new observables including spin-dependent, momentum-dependent, and flavor-dependent modification, as well as modification of anti-quarks.

EMC-SRC correlation - what can we learn about EMC effect from SRCs and vice-versa? Data on many new nuclei will help significantly flesh out this landscape.

### KEY SPEAKERS

Alberto Accardi - Lorenzo Andreoli - Omar Benhar - Jiunn-Wei Chen - Wim Cosyn - Cameron Cotton - Mark Dalton - Raphaël Dupré - Burcu Duran - Pit Duwenstaster - Nadia Fomin - Filippo - Tyler Hague - Florian Hauenstein - Julian Kahlbow - Tyler Kutz - Shujie Li - Alessandro Lovato - Casey Morean - Dien Nguyen - Mathieu Ouillon - Valerii Panin - Paul E. Reimer - Matteo Rinaldi - Jan Ryckebusch - Nathaly Santiesteban Misak Sargsian - Abhyuday Sharda - Joanna Sobczyk - Mark Strikman - Anthony Tropiano - Zhoudunming Tu - Christian Weiss - Ronen Weiss - Carlos Yero

### Director of ECT\*: Professor Gert Aarts

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For the organization please contact: ECT\* Secretariat - Villa Tambosi - Strada delle Tabarelle 286 | 38123 Villazzano (Trento) - Italy | Tel.: (+39-0461) 314723, E-mail: [staff@ectstar.eu](mailto:staff@ectstar.eu) or visit <http://www.ectstar.eu>