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# Multi-messenger studies of nuclear short-range correlations

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Short-Range Correlations (SRC) refer to pairs of nucleons that exhibit high relative momentum while maintaining low center-of-mass momentum. Over the past decade, extensive investigations, primarily using electron scattering,have revealed that SRCs predominantly consist of neutron-proton pairs, which significantly contribute to the high-momentum tail of nuclear wave functions.

Recent advances in SRC research, employing hadronic probes in inverse kinematics, have introduced new opportunities for studying SRCs
through hard quasi-free exclusive scattering reactions. This contribution provides an overview of the current challenges in SRC research and highlights recent experimental developments.

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