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The 12th IOPP Seminar : 严力研究员, 复旦大学现代物理研究所, Sept. 2nd, 2020, Wednesday, 10:00am (Beijing time)

Speaker: 严力研究员, 复旦大学现代物理研究所

Title: fluid dynamics of non-fluids

Abstract:

Relativistic hydrodynamics is the standard theory that describes fluid systems undergoing rapid expansion, such as the quark-gluon plasma in high-energy heavy-ion collisions. Recently, much attention of the theoretical formulation of hydrodynamics has been brought to the generalization of hydrodynamics to out of equilibrium. This is partly motivated by the measurements of collective flow in heavy-ion collisions, especially those observed in small colliding systems, and also the beam energy scan program for searching the QCD critical point. In this talk, I am going to discuss the theoretical aspect of the out-of-equilbrium fluid dynamics, and its relation to the resurgence theory.

报告人简介:
2018-present: 青年研究员, Institute of Modern Physics at Fudan
2015-2018: PostDoc, McGill University (with Charles Gale)
2013-2015: PostDoc, IPhT, Saclay (with Jean-Yves Ollitrault)
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