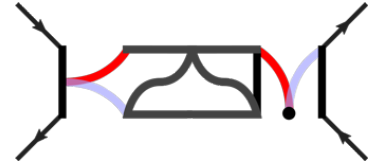




Фонд за науку  
Републике Србије



Online Workshop on Zoom, 23-25 May 2022

Full program to be announced on May 16th. For more info contact [jaksa@scl.rs](mailto:jaksa@scl.rs)

## Strange metals: from the Hubbard model to AdS/CFT

Hosted by:

Institute of Physics Belgrade (IPB), Serbia

Key2SM project, funded by the *Science fund of the Republic of Serbia*

Organizers:

Dr Jakša Vučičević, Associate Research Professor (IPB)

Dr Mihailo Čubrović, Assistant Research Professor (IPB)

We aim to bring together the top experts approaching the same outstanding physical problem in two greatly different ways. The main subject will be the strange metallic behavior, as viewed from the perspective of the holographic theories and the microscopic theories based on interacting lattice models. Particular focus will be given to the direct comparison between the two general approaches. The workshop will also cover the specific realizations of the ubiquitous strange metal regime: in the cuprates and other strongly correlated materials, moire systems and cold atom simulators. The goal of the workshop is to provide a wider perspective on the theoretical work focusing on the strange metals, a better overview of the established phenomenology, and a connection of the strange metal to other phenomena in strongly correlated electronic systems.

Speakers:

Antoine Georges

Michel Ferrero

Waseem Bakr

Rok Žitko

Darko Tanasković

Thomas Schäfer

Wéi Wú

Jake Ayres

Jan Zaanen

Koenraad Schalm

Blaise Goutéraux

Alexander Krikun

Jie Ren

Richard Davison

Aristomenis Donos

Mark Golden

Mihailo Čubrović