

NONTHERMAL ELECTRONIC ORDERS IN PHOTO-DOPED MOTT SYSTEMS

PHILIPP WERNER

University of Fribourg,
Switzerland

An ambitious goal in the field of condensed matter physics is the nonequilibrium control of material properties. In recent years, striking examples have been demonstrated both experimentally and in numerical simulations. In the case of photo-doped Mott systems, different mechanisms underlying the appearance of nonthermal electronic orders have been identified and explored. I will give an overview of the insights gained from model studies based on nonequilibrium dynamical mean field theory.

FRIDAY,
28.10.2022

2:00 PM

CFEL
SEMINAR ROOMS I-III
&
ONLINE PRESENTATION
CHECK HPPS.DE FOR
FURTHER INFORMATION

