

Helmholtz Alliance

Extremes of Density and Temperature: Cosmic Matter in the Laboratory

ExtreMe Matter Institute EMMI

Relaxation, Turbulence, and Non-Equilibrium Dynamics of Matter Fields

— From Quantum Fluids to High-Energy Physics —

RETUNE

Internationales Wissenschaftsforum, Universität Heidelberg

June 21-24, 2012

Speakers

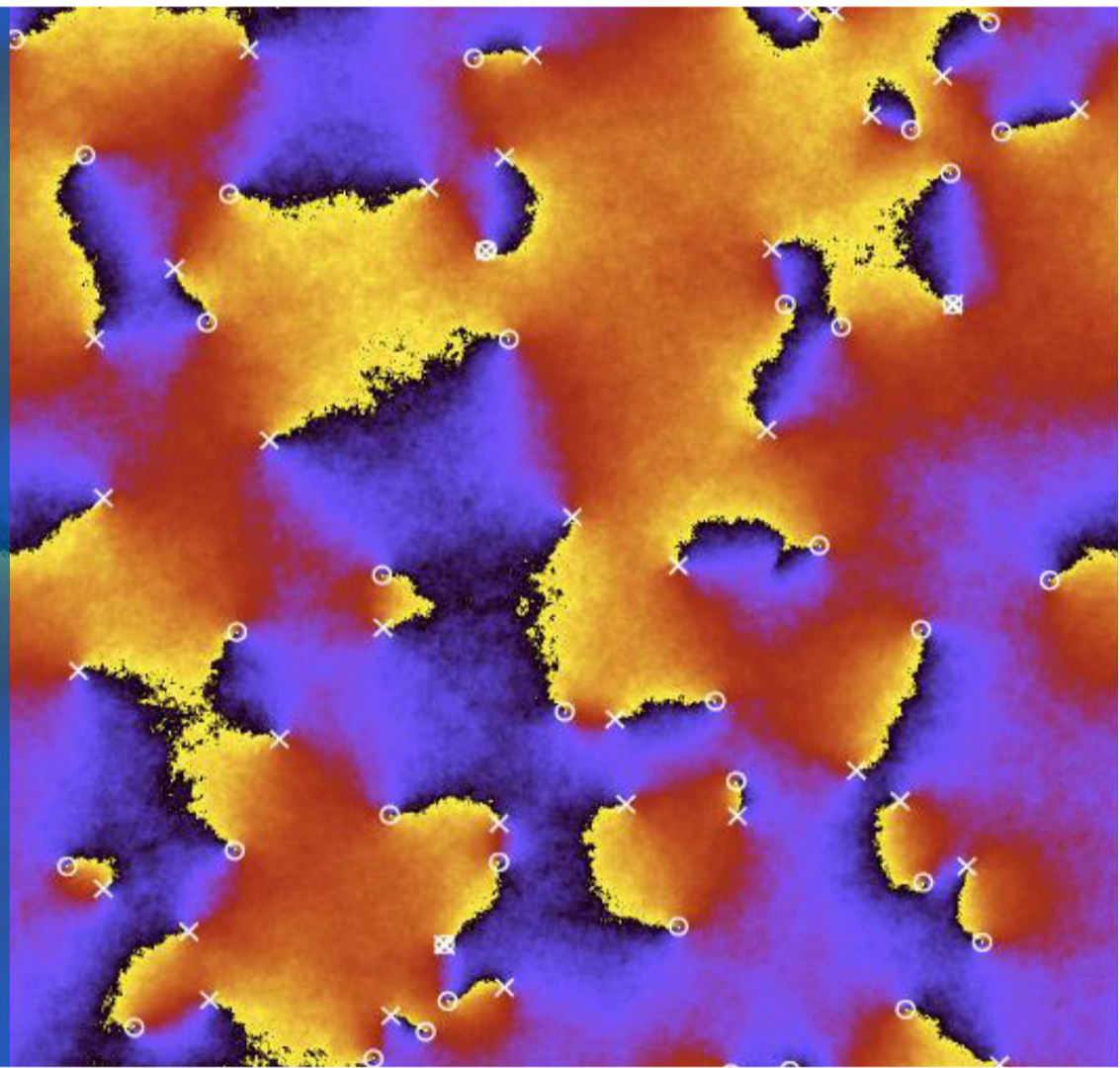
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Topics

Relaxation dynamics of classical matter fields
Dynamical evolution of quenched systems
Dynamics and relaxation of driven systems to non-equilibrium steady states

in the realms of:

Ultracold Atomic Gases
Superfluid Helium
Condensates in Solid-State Systems
Heavy-Ion Collisions and the Quark-Gluon Plasma
Cosmic Inflation and Reheating

Information

<http://www.thphys.uni-heidelberg.de/~smp/RETUNE2012>

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www.gsi.de/emmi

