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Posters

Presenters

Marco Baity-Jesi, Universidad Complutense de Madrid

Title: Soft modes in vector spin glasses

Valsili Baranau, Philipps-Universitat Marburg

Title: On the jamming phase diagram for frictionless hard-sphere packings

Laurence Belfiore, Colorado State University

Title: Classical electric field effects on the glass transition

Peter Crowther, University of Bristol

Title: Crystallisation in the Kob-Andersen glass former at 2:1 ratio

Ekin Cubuk, University of Wisconsin-Madison

Title: Analyzing amorphous defects using machine learning

Carl Goodrich, University of Pennsylvania

Title: Independence of bond-level response and selected-bond removal networks

Elijah Flenner, Colorado State University

Title: Differences in the structural relaxation and dynamic heterogeneity in two and three dimensional glass forming liquids

Julian Helfferich, Institut Charles Sadron, Strasbourg

Title: Renewal Events in Glass-Forming Liquids - Glass Dynamics with Ideal Age Zero

Adam Hinkle, Johns Hopkins University

Title: A Rate-Dependent Shear Transformation Zone Model of Shear-Banding Flow in a Yield Stress Fluid

Harukuni Ikeda, Nagoya University

Title: Correlation lengths of the high-dimensional hard sphere model

Maxim Lavrentovich, University of Pennsylvania

Title: Non-Equilibrium Phase Transitions in Three-Dimensional Range Expansions

Jie Lin, New York University

Title: Scaling description of the yielding transition

Peter Morse, University of Oregon

Title: A Purely Geometric Approach to Jamming

Shomeek Mukhopadhyay, Yale University

Title: Probing the jamming transition using frictionless hydrogel particles

Liang Niestemski, Western New England University

Title: Finding orders from the disorder - the glassy phase in cuprates

Carlos Ortiz, University of Pennsylvania

Title: Creep and Dynamical Heterogeneities of Fluid-Driven Granular Flows

Misaki Ozawa, University of Tsukuba

Title: Control of the Fragility of a Glass Former by using the Fragile-to-Strong Crossover

Marian Paluch, University of Silesia

Title: General rules prospected for the liquid fragility in various material groups and different thermodynamic conditions

Rattachai Pinchaipat, University of Bristol

Title: Experimental study of colloid liquid-glass transition with the topological cluster classification

Corrado Rainone, University of Rome La Sapienza

Title: State Following in mean-field hard sphere models

Schoenholz Samuel, University of Pennsylvania

Title: Softness and Kinetic Heterogeneities in Glassy Liquids

Beatriz Seoane, University of Rome, La Sapienza

Title: Searching the Gardner transition in simulations

Daniel Sussman, University of Pennsylvania

Title: Disordered surface vibrations in jammed sphere packings

Hua Tong, University of Science & Technology of China

Title: From Crystals to Disordered Crystals: A Hidden Order-Disorder Transition

Francesco Turci, University of Bristol

Title: Local Motifs and the Emergence of Solidity in Deeply Supercooled Liquids

Vishwas Venkatesh, ETH, Zurich

Title: Making jammed particle suspensions flow: slow and high shear rate cooperative rearrangements

Katharina Vollmayr-Lee, Bucknell University

Title: Scaling of Aging Dynamics in Strong Glass Former SiO_2

Yujie Wang, Shanghai Jiao Tong University

Title: X-ray tomography imaging application for the study of granular materials

Sho Yaida, Duke University

Title: Glassy slowdown and replica instantons

Kai Zhang, Yale University

Title: Packing, Bonding and Glass-Forming Ability of Model Metallic Glass Formers

Wen Zheng, University of Science & Technology of China

Title: Shear jamming and shear gelation with short-range attraction

Yuxing Zhou, Pennsylvania State University

Title: Dynamics of glass-forming hard spheres under pinning