

SCIENCE FAIR 2025

Mittwoch, 12. November von 13 bis 16 Uhr im Foyer der Schellingstraße 4

Lehrstuhl / department	Systems Biophysics / AG Dieter Braun
Titel / Title	Biophysics of Molecular Evolution
Who will present the poster(s):	
Name 1	Felix Dänekamp
Name 2	Zsófia Meggyesi
Lehrstuhl / department	Laser Ion Acceleration Group / Jörg Schreiber
Titel / Title	Laser Driven (Heavy) Ion Acceleration at CALA
Who will present the poster(s):	
Name 1	Paul Timo Pohle
Name 2	Sonja Gerlach
Lehrstuhl / department	Experimental Flavor Physics / Thomas Kuhr
Titel / Title	Particle Physics Analyses and Machine Learning
Who will present the poster(s):	
Name 1	Caspar Schmitt
Name 2	Simon Hiesl
Lehrstuhl / department	Theoretical Solid State Physics / Annabelle Bohrdt
Titel / Title	Machine learning for quantum many-body systems
Who will present the poster(s):	
Name 1	Annika Böhler
Name 2	Atiye Abedinnia
Lehrstuhl / department	Experimentelle Festkörperphysik / Dimitri Efetov
Titel / Title 1	Revealing electron-electron interactions in graphene with the quantum twisting microscope
Titel / Title 2	Hall-Transport Investigation of the Strange Metal Phase in Magic-Angle-Twisted-Bilayer-Graphene
Who will present the poster(s):	
Name 1	Leon Schubert
Name 2	Giorgio Di Battista
Name 3	Ashwin Vadlamani
Lehrstuhl / department	Arnold Sommerfeld Center for Theoretical Physics / Fabian Grusdt
Titel / Title 1	Emergent spinon-holon Feshbach resonance in a doped Majumdar-Ghosh model
Titel / Title 2	Quantum Many Body group at LMU
Who will present the poster(s):	
Name 1	Gaia De Paciani
Name 2	Simon Linsel

Lehrstuhl / department	Universitätssternwarte / Jochen Weller
Titel / Title	Physical Cosmology
Who will present the poster(s):	
Name 1	Steffen Hagstotz
Name 2	Barbara Sartoris
Lehrstuhl / department	Theoretische Astroteilchenphysik / Viatcheslaw Mukhanov
Titel / Title	Quantum Fluctuations in Cosmology
Who will present the poster(s):	
Name	Matthias Nowinski
Lehrstuhl / department	Meteorologie / Bernhard Mayer
Titel / Title 1	Analyzing the Spatial Structure of Strong Ringing Events
Titel / Title 2	Aerosol Remote Sensing with LiDARs:
	Scientific developments and applications
Who will present the poster(s):	
Name 1	Paul Ockenfuß
Name 2	Michael Haimerl
Lehrstuhl / department	Computational & Plasma Physics / Hartmut Ruhl
Titel / Title	Non-cryogenic fuels for nuclear fusion application
Who will present the poster(s):	
Name	Rasmus Rasche
Lehrstuhl / department	Quantenoptik / Immanuel Bloch
Titel / Title 1	Microscopy of quantum many-body systems
Titel / Title 2	A dual-element Rydberg array for distributed quantum information processing
Who will present the poster(s):	
Name 1	David Groeters
Name 2	Pascal Weckesser
Lehrstuhl / department	Medizinische Physik / Katia Parodi
Titel /Title	SIRMIO radiation research platform and its first in-vivo application
Who will present the poster(s):	
Name	Giulio Lovatti
Lehrstuhl / department	Molekulare Physik des Lebens / Ralf Jungmann
Titel /Title	Beyond the Diffraction Limit: Super-resolution Microscopy with DNA-PAINT
Who will present the poster(s):	
Name	Monique Honsa