

POSTERS

Youssef Aziz Alaoui	Study of entanglement growth in chromium dipolar gases
T. Dieterle	Transport of a single ion immersed in a Bose-Einstein condensate
Giovanni Ferioli	Collective shift in resonant light scattering by a one-dimensional atomic chain
Charles Garcion	Accurate measurement of the Casimir-Polder interactions
Lorenzo Gotta	Pairing in spin chains and spinless fermions with next-nearest neighbour interactions
Simon Hofsäss	Towards laser cooling of AlF molecules
Tobias Ilg	Excitation Spectrum in the Supersolid Phase within the Bogoliubov Approach
Kevin Kleinbeck	Collective decay dynamics of a single Rydberg superatom
Jan Kumlin	Non-exponential decay of a collective excitation in an atomic ensemble coupled to a one-dimensional waveguide
José Lages	Trapped cold ions in the Aubry phase: thermoelectricity and quantum computing
Sabrina Patsch	Multipolar character of Förster resonance energy transfer
Michael Peper	Long-range entanglement through molecular Rydberg states
Philipp Stammer	Enhancement of state distinguishability due to weak measurement and the relation to parameter estimation
Lea-Marina Steinert	Rydberg Dressing in Microtraps
C. Veit	A pulsed ion microscope to probe quantum gases