

IAS Focused Program on Casimir and van der Waals Physics: Progress and Prospects (25 - 28 Apr 2016)

List of Posters

Poster Board No.	Poster presenter	Institution	Title
1	Wijnand Broer	Nanyang Technological University	Nonlinear Actuation Dynamics of Driven Casimir Oscillators with Rough Surfaces
2	Viktor Dodonov	University of Brasilia	Excitation of EM Field in a Rectangular Cavity Containing a Thin Slab with Time-dependent Conductivity: Understanding the Reason of Difficulties in Experiments on the Dynamical Casimir Effect
3	Victoria Estesó	Institute of Materials Science of Sevilla	Temperature Dependence of the Equilibrium Distance of Levitating Thin Films Due to the Casimir Force
4	Carlos Farina	Federal University of Rio de Janeiro	Purcell Effect: Some Aspects
5	Johannes Fiedler	University of Rostock	Matter-wave Interferometry and Its Application to Molecular Spectroscopy
6	Juliane Klatt	Albert-Ludwigs University of Freiburg	Quantum Friction and Evanescent-Wave Resonances
7	Wilton Júnior de Melo Kort-Kamp	Los Alamos National Laboratory	Active Magneto-optical Control of Spontaneous Emission in Graphene
8	Anne Le Cunuder	Ecole Normale Supérieure de Lyon	Investigation of Casimir Forces in Liquids
9	Bing Sui Lu	Jožef Stefan Institute	Many-body Effects in Van der Waals Torques between Dielectrically Anisotropic Layered Slabs
10	Ewa Pastorczak	École Polytechnique Fédérale de Lausanne	Intramolecular Symmetry-adapted Perturbation Theory - A Tool for Elucidating the Weak Intramolecular Interactions
11	Felipe S. S. Rosa	Federal University of Rio de Janeiro	The Role of the Double-layer Interaction in the Casimir Force
12	Efi Shahmoon	Harvard University	Zero-point Forces in Electronic Circuits: Alternative Route to Measuring Casimir Phenomena?
13	Reinaldo Faria de Melo e Souza	Federal University of Rio de Janeiro	Microscopic Dynamical Casimir Effect
14	Yu-Jie Tan	Huazhong University of Science and Technology	Exploring Casimir Force for Small Separations by a Macroscopic Torsion Pendulum
15	Priyadarshini Thiyam	KTH Royal Institute of Technology	Anisotropic Contribution to the Casimir-Polder Energies
16	Jianbo Wang	Huazhong University of Science and Technology	Preliminary Result of the Casimir Force Measurement at Low Temperature Using a Tuning Fork Sensor
17	Jian Sun	Suzhou University of Science and Technology	Nonlocal Composite Media in Calculations of the Casimir Force