



**Monday, September 19**

Hour	Plenary Talks
08:30	<b>Registration</b>
09:15	<b>Opening talks</b>
09:30	<b>Observation of Reduction of Casimir Force Without Change of Dielectric Permittivity</b> U. Mohideen
10:15	<b>Casimir interaction on nanostructured Au surfaces</b> R. Decca
11:00	<b>Coffee Break</b>
11:30	<b>Observation of the thermal Casimir force</b> D. Dalvit
12:15	<b>Measuring the magnetic birefringence of vacuum: the PVLAS experiment</b> G. Zavattini
13:00	<b>Lunch</b>



**Tuesday, September 20**

Hour	Plenary Talks
09:00:00	<b>Casimir-Polder Repulsion: Edges, Wedges, and Apertures</b> K. Milton
09:45:00	<b>Energy density and pressure in power-wall models</b> S. Fulling
10:30:00	<b>Coffee Break</b>
11:00:00	<b>New constraints on Yukawa-type interaction from the Casimir effect</b> V. Mostepanenko
11:45:00	<b>Comparison between experiment and theory for the thermal casimir force</b> G. Klimchitskaya
12:30:00	<b>Lunch</b>



**Wednesday, September 21**

Hour	Plenary Talks
09:30	<b>Excursion</b>
14:00	<b>Lunch</b>
16:00	<b>Casimir friction force for moving harmonic oscillators</b> I. Brevik
16:45	<b>Van der Waals friction: energy production and energy distribution</b> G. Barton
17:30	<b>Coffee break</b>
18:00	<b>Cosmic Strings Stabilized by Fermion Fluctuations</b> H. Weigel
18:45:00	<b>Quantum Field Theory in Graphene</b> D. Vassilevich



**Thursday, September 22**

Hour	Plenary Talks
09:00	<b>(Euler-Heisenberg session) Heisenberg-Euler and Beyond</b> G. Dunne
09:45	<b>(Euler-Heisenberg session) Electromagnetic superconductivity of vacuum induced by strong magnetic field</b> M. N. Chernodub
10:30	<b>Coffee Break</b>
11:00	<b>(Stuart Dowker session) Casimir forces in the presence of background potentials</b> K. Kirsten
11:45	<b>(Stuart Dowker session) Zeta function regularization in Casimir effect calculations and Stuart Dowker's legacy</b> E. Elizalde
12:30	<b>Lunch</b>



## Friday, September 23

Hour	Plenary Talks
09:00	<b>Nonperturbative stochastic dynamics of light quantum fields during inflation</b> A. Starobinsky
09:45	<b>Quantum corrections to gravity and their implications for cosmology and astrophysics</b> I. Shapiro
10:30	<b>Coffee Break</b>
11:00	<b>(Euler-Heisenberg session) Strong-Field QED and High-Power Lasers</b> T. Heinzl
11:45	<b>Casimir theory and experiments</b> S. Reynaud
12:30	<b>Lunch</b>