

## Monday 22nd April 2019

<b>8.30 - 9:00</b>	<i>Welcome Remarks</i>	<i>Engineers House.</i>
<b>9.00 - 9.40</b>	<i>Sophya Garashchuk</i>	<i>Quantum dynamics with Gaussian bases 'optimized' by the quantum trajectories</i>
<b>9.40 - 10.20</b>	<i>Salvador Miret-Artes</i>	<i>On non-linear Schrödinger equations for open quantum systems</i>
<i>Coffee Break</i> 20 mins		
<b>10.40 - 11.20</b>	<i>Werner Koch</i>	<i>Quantum dynamics from classical trajectories in complex space and complex time.</i>
<b>11.20 - 12.00</b>	<i>Cesare Tronci</i>	<i>Mixed classical-quantum dynamics: exact factorization &amp; beyond</i>
<b>12.00 - 12.40</b>	<i>Eberhard Gross</i>	
<i>Lunch</i> <i>(12: 40 - 2.00)</i>		<i>Lunch + Discussions</i>
<b>2.00 - 2.40</b>	<i>Ivano Tavernelli</i>	<i>Trajectory-based solutions for non-adiabatic molecular dynamics</i>
<b>2.40 - 3.20</b>	<i>Basile Curchod</i>	<i>Ab Initio Multiple Spawning – Recent Developments and Possible Extensions to the World of the Exact Factorization and Bohmian Dynamics</i>
<i>Tea Break</i> 20 mins		
<b>3.40 - 4.20</b>	<i>Mike Robb</i>	<i>Electron and Nuclear Dynamics Driven by a Coherent Superposition of Electronic Wavefunctions</i>
<b>4.20 - 5.00</b>	<i>Final Remarks and Summary</i>	