



**SFB/TRR 142 and SFB/TRR 160**  
**1<sup>st</sup> international workshop, October, 13<sup>th</sup> and 14<sup>th</sup> 2016**  
**in the “Dortmunder U”, Dortmund**

<b>Thursday, 13th October 2016</b>	
<b>14:00</b>	<b>Welcome</b>
14:05	<i>“Quantum Dots–On-Demand Sources for Long Strings of Entangled Photons and Photonic Cluster States” David Gershoni, The Physics Department and the Solid State Institute, Technion Israel Institute of Technology, Haifa, Israel</i>
<b>15:35</b>	<b>Coffee break</b>
16:00	<i>“Advanced devices for quantum photonics and quantum sensing” Jean-Michel Gérard, CEA/Institut de Nanoscience et Cryogénie, Grenoble, France</i>
<b>Friday, 14<sup>th</sup> October 2016</b>	
9:00	<i>“Control of excitons and spins in InGaAs dots” Mark Fox, Department of Physics and Astronomy, University of Sheffield, UK</i>
<b>10:30</b>	<b>Coffee break</b>
11:00	<i>“Quantum optics with quantum dots” Mete Atatüre, Department of Physics, University of Cambridge</i>
<b>12:30</b>	<b>Lunch break</b>
13:15	<i>“Semiconductor Nanocrystals” Alexander Efros, United States Naval Research Laboratory, Washington, D.C., USA</i>
<b>14:45</b>	<b>Concluding remarks</b>