



## POST DOC DAY PROGRAM Thursday 19<sup>th</sup> of November 2015

Time	Topic	Speaker
10.00 – 10.15	Coffee	
10.15 – 10.30	Welcoming - Introduction & CCQCN Status	<i>Prof. Georgios Tsironis</i> CCQCN Scientific Responsible
10.30 – 10.50	Theory of inelastic multiphonon scattering and carrier capture by defects in semiconductors – Application to capture cross sections	<i>Dr. Georgios Barmparis</i>
10.50 – 11.10	Femtosecond laser micromachining in transparent materials: from photonic applications to quantum emulators	<i>Dr. Haisu Zhang</i>
11.10 – 11.30	Holographic competition of phases and superconductivity	<i>Dr. Li Li</i>
11.30 – 11.50	Can the Fermi surface reconstruction of the high $T_c$ material YBCO be captured by a minimal single-particle model?	<i>Dr. Amy Briffa</i>
11.50 - 12.10	Coffee Break	
12.10 – 12.30	Singular amplification in photonic media	<i>Dr. Kostas Makris</i>
12.30 - 12.50	Two dimensional Fourier spectroscopy as a probe of coherences in semiconductor quantum wells	<i>Dr. Eleftheria Kavousanaki</i>
12.50 – 13.10	General momentum dissipation by holography	<i>Dr. Wei-Jia Li</i>
13.10 - 13.30	Chimera-like states in modular networks	<i>Dr. Ioanna Hizanidis</i>
13.30 – 13.50	Low pressure CVD graphene upon metallic thin films	<i>Dr. Fabrice Iacovella</i>
13.50 – 14.30	Networking (Working) Lunch - <i>All CCQCN members and research community</i>	
14.30 – 15.30	“Aspects of de Sitter spacetimes” by <i>Dr. Dionysios Anninos</i> , Institute for Advanced Study, Princeton [Keynote Speech, Joint CCQCN-CCTP Seminar]	
15.30 – 15.50	Holographic RG flows and effective actions	<i>Dr. Wenliang Li</i>
15.50 – 16.10	2D materials for high frequency applications	<i>Dr. Vladimir Prudkovskiy</i>
16.10 – 16.30	Hidden symmetries of black holes	<i>Dr. David Chow</i>
16.30 – 16.40	Closing Remarks	
16.40 – 17.00	Coffee Break	
17.00 -18.00	“The black hole information paradox and the fate of the in falling observer” by <i>Prof. Kyriakos Papadodimas</i> , CERN/University of Groningen [Joint CCQCN-Physics Colloquium]	

