

School on Foundations of Physics

University of Ottawa and Max Planck Center for Extreme and Quantum Photonics

Wednesday - 10th of Feb. 2016			Thursday - 11th of Feb. 2016		
TIME	ARC - 233	Title of talk	TIME2	ARC 233	Title of talk
9:00-9:10	Opening & Remarks		9:00-10:00	David Andrews	The Quantum Mechanics of Photon Interactions
9:10-10:10	Michael Berry	The maggot in the apple: peaceful coexistence of incompatible theories	10:00-11:00	Gerd Leuchs	How fast is quantum noise
10:10-10:30	Break		11:00-11:20	Break	at the ARC Looby
10:30-11:30	Berge Englert	Complementarity	11:20-12:00	Posters & Lab visit	Group I
11:30-12:30	Wolfgang Schleich	The Schrödinger equation revisited	12:00-12:30	Posters & Lab visit	Group II
12:30-14:00	Lunch		12:30-14:00	Lunch	
14:00-15:00	Luis Sanchez	The quantum vacuum	14:00-15:00	Wolfgang Schleich	The Schrödinger equation revisited
15:00-16:00	David Andrews	The Quantum Mechanics of Photon Interactions	15:00-16:00	Berge Englert	Wave-particle duality
16:00-16:20	Break		16:00-16:20	Break	
16:20-17:20	Gerd Leuchs	Entanglement and partitioning within a compound quantum system	16:20-17:20	Luis Sanchez	Orbital Angular Momentum in Phase Space: A practitioner perspective
17:20-18:20	Robert Boyd	Intrraction-Free imaging	17:20-18:20	Michael Berry	Nature's optics and our understanding of light
			18:20-18:30	Closing and remarks	