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# Workshop on Understanding Quantum Phenomena with Path Integrals: From Chemical Systems to Quantum fluids and Solids | (smr 3131)

## Friday 07 July 2017

**Morning Chairmen: George REITER & David CEPERLEY - Kastler Lecture Hall (AGH)**  
**(09:00-14:00)**

time	title	presenter
09:00	Anharmonic and Quantum Effects in H-bonded Systems with First-principles Accuracy	ROSSI, Mariana
09:50	Quantum Dynamics, Tunnelling and Electron Transfer beyond Marcus Theory	RICHARDSON, Jeremy
10:40	Coffee break	
11:00	Quantum Monte Carlo Tunneling from Quantum Chemistry to Quantum Annealing	MAZZOLA, Guglielmo
11:50	Understanding Quantum Annealing using Projective Monte Carlo Algorithms	INACK, Estelle Maeva
12:10	Closing Remarks	