

Workshop on Earth's Deep Interior

2nd Floor, Lecture Hall - April 15th, 2019

Time	Speaker	Title
09:50 - 10:00	<i>Registration and Introduction</i>	
10:00 - 10:30	Eiji Ohtani	Role of water in Deep Seismicity and Dynamics of the Mantle
10:30 - 11:00	Sean Shieh	Nitrogen in the deep Earth
11:00 - 11:25	Frédéric Deschamps	Thermo-chemical structure beneath Western Pacific from elastic and anelastic seismic models
11:25 - 11:50	Eh Tan	Effect of mantle wedge viscosity on the slab dip, slab rollback, and back-arc spreading
<i>Lunch</i>		
13:50 - 14:15	Jennifer Kung	Orientation-dependence of thermal conductivity of mantle pyroxenes
14:15 - 14:40	Han Hsu	Thermal properties of molecular solid CO ₂ at high pressure
14:40 - 15:05	Enrico Marzotto	Effect of grid resolution on tectonic regimes in global-scale convection models
<i>Coffee Break</i>		
15:20 - 15:45	Yun-Yuan Chang	On the hydration of silicate garnets
15:45 - 16:10	Kenny Vilella	Constraints on the composition of LLSVP: Effect of alumina
16:10 - 16:35	Niccolo Satta	Single-crystal elasticity of Fe-bearing phase E by Brillouin spectroscopy
16:35 - 17:10	<i>General discussion</i>	

