

Symposium on

The Dynamic Earth from Crust to Core-Mantle Boundary

November 5 (Thursday), 2026

2F Auditorium

Institute of Earth Sciences, Academia Sinica

Agenda

Time	Events		
09:30-09:40	Opening	Ban-Yuan Kuo	IES-AS
09:40-10:05	Multiple-layer SWS inversion for subduction zone dynamics: Bayesian inversion	Ban-Yuan Kuo	IES-AS
10:05-10:30	Old, but no longer pristine: seismic imaging of the oldest Pacific lithosphere	Kai-Xun Chen	ES-NCKU
10:30-10:55	Seismic anisotropy and mantle flow at the edge of the craton: insights from Central Europe	Julia Rewers	Polish Academy of Sciences
Break for 15 min			
11:10-11:35	From magmatic records to plate kinematics: quantifying tectonic controls on magmatism	Jeremy TJ Wu	Geo-NTU
11:35-12:00	Unfolded-slab plate reconstructions validated via mantle circulation models in a closed-loop experiment	Yi-Wei Chen	Geo-NTU
Lunch time			
13:30-13:55	Seismic attenuation imaging of the subduction-collision transition in S. Taiwan: from fault architecture to forearc deformation	Yu-Pin Lin	Geo-NTU
13:55-14:20	Monitoring of seismogenic and volcanic zones from ambient noise anisotropy	Jean-Paul Montagner	IPGP
14:20-14:45	A post-perovskite map inferred from lowermost mantle seismic tomography models	Sheng-An Shih	IES-AS
Break for 35 min/Library/Group photo			
15:20-15:45	Negative CMB heat flux beneath LLSVPs	Frederic Deschamps	IES-AS
15:45-16:10	Heterogeneous thermal structures above CMB	Wen-Pin Hsieh	IES-AS



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