15:15-15:45

15:45-16:45

Afternoon Tea

International Science Board Meeting, Marlborough Events Centre

9:00-9:30	Talk	Andy Howell	
Subduction megathrust processes 3	Session chair: Laura Wallace		
9:30-9:45	Talk: Oral-04-01	Aron Meltzner	Coral Microatoll Paleogeodetic Records from Sumatra and Luzon
9:45-10:00	Talk: Oral-04-02	Nicola Litchfield	Past earthquakes on the southern Hikurangi Subduction Zone
10:00-10:15	Talk: Oral-04-03	Dee Ninis	Causes of permanent vertical deformation at subduction margins: evidence from elevated late Pleistocene marine terraces of the southern Hikurangi Margin, Aotearoa New Zealand Ground Motion Models for Subduction seismicity in New Zealand
10:15-10:30	Talk: Oral-04-04	Elena Manea	
10:30-11:00	Morning Tea		
Earthquake nucleation and rupture dynamics 1	Session chair: Alice Gabriel	Remote questions: Charles Williams	
11:00-11:30	Invited Talk (Remote): Oral-04-05	Lingling Ye	Deep Megathrust Rupture and Faulting Interaction during the 2021 MW 8.1 Kermadec Earthquake Sequence
11:30-11:45	Talk: Oral-04-06	Sydney Dybing	Rapid Estimation of Single-Station Earthquake Magnitudes With Machine Learning on a Global Scale
11:45:12:00	Talk: Oral-04-07	Artemii Novoselov	Deep Learning with Uncertainties for the phase onset time prediction
12:00-12:15	Talk: Oral-04-08	Emily Warren-Smith	Heterogeneity in Microseismicity and Stress Near Rupture-Limiting Section Boundaries Along the Late-Interseismic Alpine Fault
12:15-12:30	Talk: Oral-04-09	Julian Lozos	Dynamic Rupture Simulations on the Alpine Fault: Investigating the Role of Fault Geometry on Rupture Size and Behaviour
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12:30-13:30	Lunch		
Earthquake nucleation and rupture dynamics 2	Session chair: Charles Williams		
13:30-14:00	Invited Talk: Oral-04-10	Yoshihiro Kaneko	Fault frictional heterogeneities can explain the inferences of slow earthquake transiting to fast rupture
14:00-14:15	Talk: Oral-04-11	Eiichi Fukuyama	Estimation of Friction Parameters and Slip Distribution from the Strain Gauge Array beneath the Fault during the Large-scale Bi-axial Friction Experiments
14:15-14:30	Talk: Oral-04-12	Bo Li	3D Dynamic Rupture and Ground Motion Simulations for the Gulf of Aqaba Fault System
14:30-14:45	Talk: Oral-04-13	Jessie Vermeer	Coulomb Fault Stress Transfer Through the Hope-Kelly-Alpine Fault Intersection Zone
14:45-15:00	Talk: Oral-04-14	Megan Withers	Can Tectonic Scale Analogue Modelling Provide Insight Into the Initiation and Complexity of the 2016 Kaikoura Earthquake Ruptures?
15:00-15:15	Talk: Oral-04-15	Ryosuke Ando	Rupture Path of the 2016 Kaikoura, NZ, Earthquake Inferred from Dynamic Rupture Simulation