

Wednesday, 1 March**Earthquake cycle processes and rheology 3**Session chair: **Susan Ellis**

9:00-9:15	Talk: Oral-02-01	Sharadha Sathiakumar John Townend	Reconciling geologic and geodetic shortening rates with active folding in the Himalayan orogenic wedge
9:15-9:30	Talk: Oral-02-02		Alpine Fault Seismogenesis and its Implications for Rupture Modelling and Ground-Shaking
9:30-9:45	Talk: Oral-02-03	Hamish Hirschberg	A Kinematic Model of Quaternary Fault Slip Rates and Distributed Deformation at the New Zealand Plate Boundary
9:45-10:00	Talk: Oral-02-04	Greg Houseman	Continuum Deformation Models of the Long-term Geodetic Displacement Field in the South Island of New Zealand
10:00-10:15	Talk: Oral-02-05	Rob Langridge	Late Holocene earthquakes on the Papatea Fault and insights into its paleoseismic history from landscape change observations, Marlborough, New Zealand

10:15-10:45**Morning Tea****Next generation approaches to seismic hazard 1** Session chair: **Andy Howell**

10:45-11:15	Invited Talk: Oral-02-06	Kuo-Fong Ma	Next-generation approaches to seismic hazard: challenges and current practices in Taiwan
11:15-11:30	Talk: Oral-02-07	Chris Rollins	Strain accumulation in the Anatolia-Caucasus region from InSAR and GNSS, and integration with earthquake catalogues
11:30-11:45	Talk: Oral-02-08	Emma Hill	Anthropogenic influences on cascading earthquake hazards
11:45-12:00	Talk: Oral-02-09	Caroline Holden	High-frequency Ground-shaking Simulations for Alpine Fault Earthquake Scenarios
12:00-12:15	Talk: Oral-02-10	Sang-Ho Yun	The damaging November 2022 Mw 5.6 earthquake in West Java, Indonesia
12:15-12:30	Talk: Oral-02-11	Mark Quigley	Multi-fault Earthquakes: Ground Rupture Displacements and Hazard Implications

12:30-13:30**Lunch****Next generation approaches to seismic hazard 2** Session chair: **John Townend**

13:30-14:00	Invited talk: Oral-02-12	Matt Gerstenberger	The 2022 New Zealand National Seismic Hazard Model: Overview and Seismicity Rate Model
14:00-14:15	Talk: Oral-02-13	Russ Van Dissen	Upper Plate and Subduction Interface Deformation Models of the NZ NSHM 2022
14:15-14:30	Talk: Oral-02-14	Sanjay Bora	Capturing epistemic uncertainty in ground-motion prediction: the New Zealand national seismic hazard model (NSHM)-2022 and the challenges ahead
14:30-14:45	Talk: Oral-02-15	Kiran Kumar Thingbaijim	How Characteristic are the Magnitude Frequency Distributions in the New Zealand National Seismic Hazard Model?
14:45-15:00	Talk: Oral-02-16	Chris DiCaprio	A Method for Handling Large Logic Trees in Seismic Hazard Computation: Application to the NZ NSHM 2022
15:00-15:15	Talk: Oral-02-17	Andrew Howell	Towards an Automated Workflow for the Creation of Complex 3D Fault Models
15:15-15:30	Talk: Oral-02-18	Yongxian Zhang	Study on the Predictability of Pattern Informatics Method Related to Selection of Study Region- A Case Study for the North-South Seismic Zone and Its Vicinity

15:30- 17:30**Afternoon tea and Poster Session 1 (Tsunami, Seismic cycle, Seismic hazard)**