Conventional seismology and geodynamics have provided us with a wealth of knowledge regarding subsurface velocity structures and geological processes at various depths. Recent data, however, such as slow earthquakes and tremors, have called into question our knowledge of the physics of earthquake occurrence. Nonetheless, seismic observations and interpretational data have been employed to create realistic earthquake risk estimations. Furthermore, various cutting-edge statistical (e.g., Epidemic-Type aftershock sequence modelling) and numerical (seismo-thermomechanical modelling) modelling tools have pushed the envelope in terms of understanding earthquake mechanics.

Students will be taught a number of new and traditional methodologies for analysing features and trends in seismic events during this workshop. They will also be taught to cutting-edge approaches for assessing the seismic risk that is currently being developed.

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**REGISTRATION LINK**  
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