ME-801

Mechanics of earthquakes and aseismic slip

Lecampion Brice

Cursus	Sem.	Type
Mechanics		Opt.

Language of teaching	English
Credits	1
Session	
Exam	Project report
Workload	30h
Hours	**29**
Courses	23
TP	6
Number of positions	**28**

Frequency

Only this year

Remark

Registration via website: earthssepfleth.ethz.ch. July 18th - 21st 2022

Summary

Fundamentals of fracture and friction. Numerical methods for models of earthquakes and aseismic slip. Geophysical observations/measurements. Aseismic slip and slow slip events: models and observations. Seismic slip and earthquake dynamics: models and observations.

Content

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Keywords

earthquakes, aseismic slip, fracture, friction, geophysical observations

Resources

Websites

- http://earthssepfleth.ethz.ch