

Urban Seismology seminar Seismic hazard assessment and risk analysis

06/07/08 of July, 2015
ISTerre - Salle de conférence

06 JUILLET 2015:

10:00 **David Baumont** - Probabilistic Seismic Hazard Assessment : Some insights on the current practice and needs for application

11:00 **Eric Calais** - Réduction du risque sismique dans la post-urgence du séisme de 2010 en Haiti

12:15 Lunch break

14:00 **Hugo Yepes** - PhD thesis defense -

Probabilistic Seismic Hazard Assessment in Ecuador: inputs, practical application and communication

07 JUILLET 2015:

09:30 **Iason Grigoratos** - Sensitivity study on the SHARE PSHA model and exploration of uncertainties on earthquake recurrence - application in France

09:45 **Emeline Maufroy** - Frequency-Scaled Curvature (FSC) as a proxy for topographic site-effect amplification and ground-motion variability

10:00 **Claudia Aristizabal** - Integration of site effects into probabilistic seismic hazard assessment

10:15 **Céline Beauval** - PSHA in Quito: optional source models and resulting hazard estimates

10:30 Break

11:00 **David Wald** - Challenges in Estimating Real-time Earthquake Shaking & Impact

12:15 Lunch break

15:00 **Fabrice Cotton** - Insights on stress-drop magnitude-dependency and variability from the analysis of accelerometric data

16:00 **Konstantinos Trevelopoulos** - Time variation of seismic vulnerability during earthquake aftershocks.

16:15 **Ariana Astorgua** - Nonlinear elasticity recorded in actual building: the ANX building (Japan) case study

16:30 **Philippe Guéguen** - Nonlinear response of site observed using accelerometric data

16:45 **Christophe Voisin** - Seismic noise monitoring of the Utiku (New-Zealand) landslide

08 JUILLET 2015:

10:00 - **Ismael Riedel** - PhD thesis defense

Seismic vulnerability assessment of actual buildings. Assessment and reduction of uncertainty in the estimation of damage and losses for a given seismic scenario