



Workshop on “Sedimentary signature of palaeo-tsunamis”

3rd October 2017

Venue: Maison franco-japonais

<Morning Session>

9:00-9:15: Introduction (Raphaël Paris, Kazuhisa Goto)

Session 1: Sedimentary records of palaeo-tsunamis

- **9:15-9:45** **Yuichi Nishimura** (Hokkaido Univ., Japan), “*Contribution of paleo tsunami study to seismic hazard assesment in Hokkaido*”
- **9:45-10:15** **Yuki Sawai** (AIST, Japan), “*Pre- and post-2011 attempt to anticipate unusually large tsunamis along the Japan trench*”
- **10:15-10:45** **Daisuke Ishimura** (Tokyo Metropolitan Univ., Japan) “*Progress of historical and paleo-tsunami deposit research on the Sanriku Coast after the 2011 Tohoku tsunami*”

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- **11:00-11:30** **Osamu Fujiwara** (AIST, Japan), “*Developing better quantitative estimates of timing and size of the Nankai Trough earthquakes and tsunamis*”
- **11:30-12:00** **Nathalie Feuillet & Anne Le Friant** (IPGP, France): “*Tsunami deposits in low lying islands of the Caribbean and in deep offshore basins of the Lesser Antilles fore-arc*”
- **12:00-12:30** Discussion.



<Afternoon session>

Session 2: Methodological developments

- **13:30-14:00** **Yasuhiro Takashimizu** (Niigata Univ., Japan), “*Spatial distribution of sedimentary characteristics of the 2011 Tohoku-oki tsunami deposits, Minami-Soma city, Japan*”
- **14:00-14:30** **Tetsuya Shinozaki** (Tsukuba Univ., Japan): “*Prospects for geochemical techniques in tsunami research*”
- **14:30-15:00** **Simon Falvard & Raphaël Paris** (UCA-LMV, France), “*X-ray microtomography of tsunami deposits: new insights into depositional processes from 3 dimensional, high resolution data*”
- **15:00-15:30** **Daisuke Sugawara** (Museum of Natural and Environmental History, Shizuoka, Japan), “*Assessing tsunami source and magnitude information using sediment transport modeling*”

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- **15:45-16:15** **Hajime Naruse** (Kyoto Univ., Japan), “*Inverse Calculation from Deposit to Tsunami Transporting Sediment Mixture in Non-Equilibrium Conditions*”

Session 3: Discussion (16:15-18:00)

- **16:15-16:45** **Raphaël Paris** (UCA-LMV, France), “*Perspectives of research on tsunami deposits*”
- **16:45-17:15** **Kazuhisa Goto** (Tohoku Univ.), “*Contribution of paleotsunami research to the risk assessment*”
- **17:15-18:00** Discussion