

# Poster List

DAY 1: March 7, Thu	18:10 –	1-min presentation 1 (#1-9)
DAY 2: March 8, Fri	20:30 –	1-min presentation 2 (#10-18)
	21:00 –	Poster Session
DAY 3: March 9, Sat	20:30 –	1-min presentation 3 (#19-26)
	21:00 –	Poster Session

1. Norikatsu Akizawa (Univ. Tokyo) “Ancient, highly depleted mantle beneath French Polynesia archipelago constrained by rhenium-osmium isotope and highly-siderophile element compositions of mantle xenoliths”
2. Irene Bonati (Tokyo Inst. Tec.) “Modeling Ultralow Velocity Zones as a thin chemically distinct layer at the core-mantle boundary”
3. Hitoshi Gomi (Okayama Univ.) “Electrical resistivity and thermal conductivity of fcc Fe: Implications for the Mercury’s core”
4. Anselme Borgeaud (Univ. Tokyo) “3-D S-velocity structure of the mantle transition beneath Central America using waveform inversion”
5. Yuuki Hagiwara (Hokkaido Univ.) “Fluid inclusion as a potential geobarometer: Determination of the depth provenance of mantle xenoliths”
6. Li-Wei Chen (UC Berkeley) “An application of source stacking followed by cross-correlations for global waveform tomography using the Spectral Element Method”
7. Thibaut Clarté (ENS Lyon) “Thermo-Compositional Convection in Magma Oceans”
8. Shinnosuke Aoyama (Niigata Univ.) “Sulfur isotopic signature of granitoids: link to the crustal evolution through Earth’s history”
9. Haruhiko Dekura (Ehime Univ.) “Stable carbon isotope fractionation in Fe-C system from first principles”
10. Nozomi Kondo (Ehime Univ.) “Major element composition of the Hadean crust and mantle chemical evolution in the early Earth”
11. Xuejing He (Univ. Tokyo) “Equation of State of Schreibersite  $\text{Fe}_{2.15}\text{Ni}_{0.85}\text{P}$ ”
12. Wang Ran (Okayama Univ.) “Electrical conductivity of diaspore, epsilon-FeOOH and delta- $\text{AlOOH}$ ”
13. Sebastian Ritterbex (Ehime Univ.) “Ab-Initio Investigation of Iron Diffusion Properties with Implications for Inner Core Plasticity”
14. Adrien Morison (ENS Lyon) “Dynamics and evolution of the primitive mantle with magma oceans”
15. Atsuro Okamoto (Univ. Tokyo) “Viscosity of lower mantle estimated from the common diffusivity of creep and grain growth”
16. Vancliff Hengyi Su (National Central Univ.) “The multi-fault rupture process of 1935 Hsinchu-Taichung Earthquake, Taiwan revealed from dynamic modeling”
17. Yasuhiro Kuwayama (Univ. Tokyo) “Density and sound velocity of iron in the Earth’s core conditions”
18. Shiori Morii (Univ. Tokyo) “Distribution and formation of radiocesium in environment derived from Fukushima Dai-ichi nuclear disaster, focusing on radiocesium-bearing micro particle”
19. Yuki Suzuki (Univ. Tokyo) “Anisotropy and flows at the lowermost mantle beneath the Northern Pacific revealed by waveform inversion”
20. Ryo Tsuruoka (Osaka Univ.) “Density measurement of liquid metal at high pressure using X-ray absorption method with externally heated diamond anvil cell”
21. Lena Yokokura (Hokkaido Univ.) “Is there substantial evidence for the big mantle wedge hypothesis?”
22. Chikara Shito (Tohoku Univ.) “In-situ X-ray diffraction study on beta-CrOOH at high pressure and high temperature”
23. Liang Yuan (Tohoku Univ.) “Ultralow-velocity zones possibly explained by light element-enriched iron compounds”
24. Youyue Zhang (Okayama Univ.) “Effect of iron content on thermal conductivity of olivine with implications for cooling history of rocky planets”
25. Ingrida Semeneć (Queen’s Univ.) “Geo-neutrinos at SNO+”
26. Laura Sammon (Univ. of Maryland) “Improving geoneutrino predictions from jointly constrained local crustal models”