

June 1 (Sat) [10F, SAPIA tower]

9:30 - 10:10	Shumpei Yoshimura	Invited Talk Chlorine mapping analysis as a new tool to explore degassing processes of volatile-rich silicic magma
10:10 - 10:30	Philipp Eichheimer	Numerical and experimental permeability prediction of porous media using finite differences
10:30 - 10:50	Greta Rustioni	Experimental constraints on the composition of subduction zone fluids
10:50 - 11:10	Break	
11:10 - 11:50	Anja Allabar	Invited Talk Spontaneous phase separation of hydrous Vesuvius melt even at low decompression rates
11:50 - 12:10	Wakana Fujita	Permeability reduction of CHO fluid-bearing quartz aggregates under grain growth: insights from 3D observation and numerical computation
12:10 - 12:30	Lisa Eberhard	The influence of oxygen fugacity on the stability of ophicarbonates and the compositions of subduction zone derived fluids
12:30 - 14:00	Lunch	
14:00 - 14:40	Masahiro Kayama	Invited Talk Discovery of moganite in a lunar meteorite as a trace of H ₂ O ice in the Moon's regolith
14:40 - 15:00	Marija Putak Juricek	First observation of nanolites and ultrananolites in alkaline volcanic glasses (Eifel, Germany)
15:00 - 15:20	Naoki Araya	Temperature dependence of chemical compositions of magnetite in a silicic magma
15:20 - 15:40	Break	
15:40 - 16:00	Caterina Melai	Ferric iron-rich exsolution in ferropericlasite as a proxy for sub-lithospheric diamond formation.
16:00 - 16:20	Taku Yutani	Multiple saturation points of the "direct ascent" petit-spot magma
16:20 - 16:40	Enrico Marzotto	Effect of grid resolution on tectonic regimes in global-scale convection models
16:40 - 17:00	Nicki Caroline Siersch	The influence of Al substitution on the elastic and structural properties of MgSiO ₃ -akimotoite
17:00 - 17:20	Break	
17:20 - 17:40	Niccolò Satta	The effect of Al-Fe substitution on the elastic properties of δ -(Al,Fe)OOH.
17:40 - 18:00	Osamu Ikeda	Raman spectroscopic measurements of ϵ -FeOOH at high pressures
18:00 - 18:20	Egor Koemets	Behaviour of goethite at Earth's lower mantle conditions
18:20 - 18:30	Michihiko Nakamura	Closing Remarks