



GLOM2024 Meeting Program

'Gruppo di Lavoro sulle Ofioliti Mediterranee'

1st February 2024

10:00-10:10 - Welcome

10:10-11:10 - Scientific communications - Chairperson: E. Rampone

10:10-10:30 **D. Mariani (UNIPV)**: 'Evidence for involvement of mantle melts with different compositions in the building of the lower Mafic Complex (Ivrea-Verbano Zone)'

10:30-10:50 **C.F. Crotti (UNIMI)**: 'Refertilization of oceanic mantle via EMORB-like melt and peridotite interaction: An experimental study at 1-2 GPa'

10:50-11:10 **S. Scarani (UNIPV)**: 'Secondary oceanic lherzolites hide mantle chemical depletion'

11:10-11:40 - Coffee break

11:40-13:00 - Scientific communications - Chairperson: M. Scambelluri

11:40-12:00 **A. Montanini (UNIPR)**: 'New geochemical and age constraints ($^{40}\text{Ar}/^{39}\text{Ar}$ and U-Pb) on forearc intrusive rocks from the New Caledonia Ophiolite (SW Pacific): Diversity of melts generated at hot subduction inception'

12:00-12:20 **C. Battifora (UNIGE)**: 'Microstructural and geochemical evidence of melt impregnation and intrusion at plagioclase facies conditions in the Oman upper mantle harzburgite (Wadi Tayin Massif)'

12:20-13:00 **KENOTE - J. Koepke (Uni Hannover)**: 'How fast-spreading oceanic crust is created: Benefits from large- and small-scale sampling in the Oman ophiolite'

13:00-14:10 - Lunch break

14:10-16:10 - Scientific communications - Chairperson: L. Crispini and C. Ferrando

14:10-14:30 **V. Basch (IGG-CNR Pavia, UNIPV)**: 'The Mado megamullion Oceanic Core Complex (Shikoku Basin): a window into the back-arc oceanic lithosphere'

14:30-14:50 **E. Barbero (IGG-CNR, Torino)**: 'The journey of the Band-E-Zeyarat Ophiolite (Makran accretionary wedge, SE Iran) from the mid-ocean ridge to the accretionary complex: new insights from its sedimentary cover'

14:50-15:10 **L. Federico (UNIGE)**: 'Fluid-assisted deformations in a tectonic mélangé within the HP-metaophiolitic Voltri Massif (Ligurian Alps)'

15:10-15:30 **S. Cacciari (UNIPD)**: 'Fluid-rock interaction in eclogite-facies meta-peridotite (Erro-Tobbio Unit, Ligurian Alps, Italy)'

15:30-15:50 **F. Gianoglio (UNIGE)**: 'Evaluating potential toxic elements in ophiolitic sequence from Beigua UNESCO Global Geopark (Liguria, Italy): A tool for a proper geoheritage management'

15:50-16:10 **V. Indelicato (IUSS Pavia, UNICT)**: 'State-of-the-art of naturally occurring asbestos in the ophiolitic sequences of Calabria and Basilicata regions, Southern Italy'

16:10-16:40 - Assemblea G.L.O.M.

Link Zoom: <https://us02web.zoom.us/j/6894841223>