

6th General Assembly DOME

23.03.-27.03.2026 Wetzlar

(Best Western Hotel, Karl-Kellner-Ring 42, 35576 Wetzlar)

Scientific presentations: 12 min +3 min discussion

23.03.26

18:00 Dinner + Ice-Breaker

24.03.26

09:00 Introduction by Max Wilke and Max Korges
09:15 Talk session 1
10:30 Break
11:00 Talk session 2
12:00 Lunch
13:00 Invited speaker Christian Ihlenfeld (Anglo American)
13:45 Talk Session 3
15:00 Break
15:30 Talk session 4
16:30 End of 1st day
18:00 Dinner

25.03.26

09:00 Invited speaker Jakub Ciazela (Polish Academy of Sciences)
09:45 Talk session 5
10:30 Break
11:00 Talk session 6
12:00 Lunch
13:00 Invited Speaker Inga Osbahr (DERA)
13:45 Talk Session 7
14:45 Break
15:15 Talk session 8
16:30 End of 2nd day
18:00 Dinner

26.03.26

09:00 Departure Grube Fortuna
13:00 Lunch
14:00 Start Proposal and Scientific Writing workshop
19:00 Dinner

27.03.26

09:00 Continuation Workshop
13:00 End of Assembly

Talk session 1

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
09:15	Experimental constraints on the solubility of loparite and eudialyte in alkaline silica-undersaturated melts	Anna Nikolenko
09:30	Experimental results on the platinum group element (PGE) mobilisation during serpentinisation	Stefano Tenuta
09:45	From subducted sediments to arc magmas: Experimental insights on Cu, Zn, Mo and W mobility in subduction zone fluids	Matej Hlede
10:00	Rhenium transport and fractionation by hydrothermal fluids in porphyry Cu-Au-Mo systems	Maria Kokh
10:15	Experimental Insights of the Pyrite to Magnetite Transformation at hydrothermal conditions	Tabea Reitemeier

Talk session 2

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
11:00	Distinguishing carbonatite- and alkaline-rock-related fenitising fluids based on inclusion compositions	Christian Schmidt
11:15	Initial Progress Quantifying Trace Elements in Melt Inclusions from Alkaline and Carbonatite Systems	Robert Edris
11:30	Fluid/melt partitioning of Sb and As from synthetic fluid inclusion studies	Daria Diagileva
11:45	Chloride and carbonate speciation and ligand availability at magmatic-hydrothermal transition	David Dolejs

Talk session 3

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
13:45	Tba	Nicolas Riel
14:00	Development of an internally-consistent thermodynamic database for geochemical modeling of hydrothermal systems	Maximilian Beeskow
14:15	Molecular Insights into Rare Earth Element Complexation in Late-Stage Carbonatitic Brine Melt System	Jan Dreschmann
14:30	Fate of germanium in Earth's crust	Ahmad Haghi
14:45	Geochemical Modeling of Black Smoker Fluid Formation at the TAG Hydrothermal Vent Field	Jasper Engelmann

Talk session 4

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
15:30	Constraining basin-brine evolution toward ore-forming fluids: insights from leaching models	Nazif Umar
15:45	Reactive transport modelling of ore formation in sedimentary basins: constraining reaction fronts of fluid-rock interaction	Julia Pimenta
16:00	Tracing Hydrothermal processes using isotopic signatures	Swastika Bhaumik
16:15	The role of pressure and temperature conditions, host rock lithology, phase separation, and organic compounds for metal mobility and metal sulfide deposition in spatially resolved hydrothermal vent areas – an update	Eva-Maria Meckel

Talk session 5

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
09:45	The genesis of carbonatite-IOA assemblages hosting REE-Nb-Ta mineralization	Rachid Benaouda
10:00	Petrography of carbonatite-hosted Copper-mineralization of the Palabora Igneous Complex	Lukas Mössinger
10:15	HFSE enrichment in carbonatites and associated peridotite-melilitolite-foiolite complexes – a trace element study from Gardiner (Greenland) and Kovdor (Russia)	Nicolas Schlosser

Talk session 6

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
11:00	Isotopic Variability in Kola Carbonatite Complexes: First Results from Sr–Nd and C–O Analyses	Daria Voropaeva
11:15	Timing and evolution of magmatic Ni-Cu-Co mineralization within the Kongsberg Domain of the Sveconorwegian Orogen, southern Norway	Torge Schirrmeister
11:30	Tracing fluid sources in typical and atypical orogenic gold deposits using boron isotopes: Case-study from the Pohjanmaa Belt, Finland	Regina Albrecht
11:45	Accessory phases in the Archean Kidd Creek VMS deposit - Fingerprints to unravel a complex deposit history	Rebecca Volkmann

Talk session 7

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
13:45	World's oldest preserved VMS deposit on the Kaapvaal craton: <i>Links to submarine rhyolites, not to komatiites</i>	Sebastian Tappe
14:00	Preliminary study of ore samples from the Rammelsberg deposit, Germany	Dilara Ozyazici Topal
14:15	The multiple sulfur isotope composition of diagenetic and hydrothermal sulfides from the Barney Creek Formation (McArthur Basin, Australia): implications for Zn metallogenesis	Candice Filoche
14:30	Molecular Insights into Organic Matter in Kupferschiefer ore formation	Lisa Wlodkowski

Talk session 8

<i>CET</i>	<i>TITLE</i>	<i>PRESENTER</i>
15:15	Tin isotopes in melt- and fluid-dominated granitic systems	Katharina Ebert
15:45	Tba	Pilar Valsera Moreno
16:00	Element mobility in tin-bearing metasedimentary rocks of the Erzgebirge	Owishi Sarkar
16:15	Fluid boiling in epithermal systems as a novel mechanism of strong isotopic fractionation of antimony	Khulan Berkh