

T-SECTOR General Assembly Meeting

07 - 08 July 2026

The meeting will be held online only

Online link:

<https://geomar-de.zoom-x.de/j/69055891424?pwd=3lWVQRzboPuhXL6o9MYG4afU1tEmb4.1>



Times in **black** are CET (Germany)

Times in **light blue** are GMT-4 (Boston)

Tuesday, 7 th July 2026		
13 ⁰⁰ – 13 ¹⁵ 07 ⁰⁰ – 07 ¹⁵	Welcome	Intro and Goals of the meeting by Kaj Hoernle
13 ¹⁵ – 14 ⁴⁵ 07 ¹⁵ – 08 ⁴⁵	Theme 1: Geophysics Chair: Heidrun Kopp	Brief intro of the group (main achievements, activities and developments) Benedikt. Bauer – 40 min. presentation plus 10 min. discussion – <i>Benchmarking multiple methods for the spectral analysis of seafloor morphology and deglaciation induced faulting at the SEPR</i> Anke Dannowski & Anna Jegen - 15 min. presentation plus 5 min. discussion – <i>SO314 - An update on OBS Data analyses</i> Peter Haas - 15 min. presentation plus 5 min. discussion – <i>SO314 - Gravity measurements</i>
14 ⁴⁵ – 15 ⁰⁵ 08 ⁴⁵ – 09 ⁰⁵	Chair: Heidrun Kopp	Discussion of theme 1
15 ⁰⁵ – 15 ²⁰ 09 ⁰⁵ – 09 ²⁰	Coffee break	
15 ²⁰ – 16 ⁵⁰ 09 ²⁰ – 10 ⁵⁰	Theme 2: Igneous geochemistry	Brief intro of the group (main achievements, activities and developments)

	Chair: Kaj Hoernle	20 minutes presentations plus 10 minutes discussion Pauline Verdurme - <i>"Magma fragmentation processes at a slow-spreading center recorded in the morphology and texture of glass shards from the Reykjanes Ridge"</i> Jonas Schneider – <i>"From plumes to plumelets: Geochemical evidence for variable-scale mantle upwelling beneath the South Pacific Superswell"</i> Antina Lippert - <i>"High resolution isotopic evidence for Cobb Plume capture at the Cleft Segment, Juan de Fuca Ridge"</i>
16 ⁵⁰ – 17 ¹⁰ 10 ⁵⁰ – 11 ¹⁰	Chair: Kaj Hoernle	Discussion of theme 2
17 ¹⁰ – 17 ³⁰ 11 ¹⁰ – 11 ³⁰	Health break	
17 ³⁰ – 19 ⁰⁰ 11 ³⁰ – 13 ⁰⁰	Expedition planning	SO321-1 – Christian Timm (30 minutes) SO321-2 – Heidrun Kopp (30 minutes) Discussion – moderation Kaj Hoernle (30 minutes)

Wednesday, 8 th July 2025		
13 ⁰⁰ – 14 ³⁰ 07 ⁰⁰ – 08 ³⁰	Theme 3: Igneous petrology Chair: Charles Langmuir	Brief intro of the group (main achievements, activities and developments) 20 minutes presentations plus 10 minutes discussion Mingzhen Yu – <i>"Southern Reykjanes Ridge SHGs: Follow-up on MSM119 and Preliminary Results from M213"</i> Siyu Zhao - <i>"Geochemical Composition of SHGs at Juan de Fuca Ridge: Preliminary Results from SR2510"</i> Charles Langmuir - 20 min. presentation plus 10 min. discussion – title:
14 ³⁰ – 14 ⁵⁰ 08 ³⁰ – 08 ⁵⁰	Chair: Charles Langmuir	Discussion of theme 3
14 ⁵⁰ – 15 ¹⁰ 08 ⁵⁰ – 09 ¹⁰	Coffee Break	
15 ¹⁰ – 16 ⁴⁰ 09 ¹⁰ – 10 ⁴⁰	Theme 4: Hydrothermal activity and sedimentology	Brief intro of the group (main achievements, activities and developments)

	Chair: Martin Frank	Jorit Kniest – <i>“Stratigraphy of sediment cores - Cleft Segment (Juan de Fuca) & Southeast Pacific Rise”</i> Melanie Siegburg - <i>“Constraining hydrothermal activity at Juan de Fuca Ridge”</i> Julia Warnatz - <i>“Reconstructing hydrothermal activity at the South East Pacific Rise – Preliminary results”</i>
16 ⁴⁰ – 17 ⁰⁰ 10 ⁴⁰ – 11 ⁰⁰	Chair: Martin Frank	Discussion of theme 4
17 ⁰⁰ – 17 ²⁰ 11 ⁰⁰ – 11 ²⁰	Health Break	
17 ²⁰ – 19 ⁰⁰ 11 ²⁰ – 13 ⁰⁰	Jorit Kniest	Age model workshop / tutorial on time series and dating including discussion

Notes:
