# Topics in Mineralogy 2024S

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<th>Date</th>
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<td>12. April</td>
<td>Appel, Karen (European XFEL, Schenefeld, GER)</td>
<td>Using time resolved FELs to access high pressure states and properties of deep Earth materials</td>
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<td>19. April</td>
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<td>26. April</td>
<td>Aulbach, Sonja (Goethe-Univ. Frankfurt, GER)</td>
<td>Origins and significance of &quot;water&quot; in omphacite and garnet from ancient oceanic crust sampled as xenolithic eclogite</td>
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<td>03. Mai</td>
<td>Franceschi, Giada (TU Wien)</td>
<td>Surface chemistry of aluminosilicate minerals: An atomic-scale view</td>
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<td>10. Mai</td>
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<td>17. Mai</td>
<td>Rosa, Angelika D. (ESRF, Grenoble, F)</td>
<td>Exploring deep planetary interiors using XRD and XAS under extreme conditions at the ESRF-EBS</td>
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<td>31. Mai</td>
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<td>07. Juni</td>
<td>Gaillou, Eloïse (Mines Paris PSL, F)</td>
<td>Investigation of historic emeralds from the museum collection of the Ecole des Mines de Paris</td>
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<td>14. Juni</td>
<td>Yamashita, Keishiro (Univ. Innsbruck)</td>
<td>Structural analyses of high-pressure forms in salt-water system under pressure</td>
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<td>28. Juni</td>
<td>Redhammer, Günther (Univ. Salzburg)</td>
<td>The rich crystal- and structure-chemistry of Na-Super Ionic Conducting (NaSICON) type compounds Na$_3$M$_2$(TO$_4$)$_3$</td>
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Fridays at 11:30 am | UZAII, lecture hall 1: room 2A120