

# PANETH KOLLOQUIUM

## NOVEMBER 4, 2021, ONLINE

### Paneth Kolloquium 2021, Program

Day of week	Date	Time	Author(s)	Title	Abstract URL
Thursday	04.11.2020	09:30	Zipfel & Pack	Opening words	–
Thursday	04.11.2021	09:45	Jaquet et al.	Isolated Olivine Grains Revisited	<a href="https://paneth.eu/PanethKolloquium/2021/0013.pdf">https://paneth.eu/PanethKolloquium/2021/0013.pdf</a>
Thursday	04.11.2021	10:00	Piralla et al.	Chondrule formation in ordinary chondrites	<a href="https://paneth.eu/PanethKolloquium/2021/0020.pdf">https://paneth.eu/PanethKolloquium/2021/0020.pdf</a>
Thursday	04.11.2021	10:15	Schnuriger et al.	Spinel in CV chondrules: Insights into chondrule thermal histories.	<a href="https://paneth.eu/PanethKolloquium/2021/0021.pdf">https://paneth.eu/PanethKolloquium/2021/0021.pdf</a>
Thursday	04.11.2021	10:30	Kadlag et al.	26Al-26Mg ages of chondrules from ordinary and carbonaceous chondrites	<a href="https://paneth.eu/PanethKolloquium/2021/0032.pdf">https://paneth.eu/PanethKolloquium/2021/0032.pdf</a>
<i>Have a break...</i>					
Thursday	04.11.2021	11:00	Wombacher	Mercury Hg abundances in recent carbonaceous chondrite falls	<a href="https://paneth.eu/PanethKolloquium/2021/0034.pdf">https://paneth.eu/PanethKolloquium/2021/0034.pdf</a>
Thursday	04.11.2021	11:15	Marocci	Origin of hydrogen isotopic variations in chondritic water and organics	<a href="https://paneth.eu/PanethKolloquium/2021/0024.pdf">https://paneth.eu/PanethKolloquium/2021/0024.pdf</a>
Thursday	04.11.2021	11:30	Bragani et al.	Sn isotopes in chondrites and Earth: MIF and radiogenic 115Sn	<a href="https://paneth.eu/PanethKolloquium/2021/0037.pdf">https://paneth.eu/PanethKolloquium/2021/0037.pdf</a>
Thursday	04.11.2021	11:45	Hasse	Potentials of urban micrometeorite research	<a href="https://paneth.eu/PanethKolloquium/2021/0023.pdf">https://paneth.eu/PanethKolloquium/2021/0023.pdf</a>
Thursday	04.11.2021	12:00	Zahnw et al.	High-precision triple oxygen isotope analyses of small sample sizes: Proof of concept with modern S-type cosmic spherules	<a href="https://paneth.eu/PanethKolloquium/2021/0028.pdf">https://paneth.eu/PanethKolloquium/2021/0028.pdf</a>
Lunch break					
Thursday	04.11.2021	13:30	Fischer-Gödde	Ruthenium isotope composition of Archean spherule layers from Barberton	<a href="https://paneth.eu/PanethKolloquium/2021/0038.pdf">https://paneth.eu/PanethKolloquium/2021/0038.pdf</a>
Thursday	04.11.2021	13:45	Neri et al.	Evolution of acapulcoites and lodranites: Joining major elements and textural constraints.	<a href="https://paneth.eu/PanethKolloquium/2021/0031.pdf">https://paneth.eu/PanethKolloquium/2021/0031.pdf</a>
Thursday	04.11.2021	14:00	Vogt et al.	Solar He & Ne in different groups of iron meteorites and relations to NC-CC reservoirs	<a href="https://paneth.eu/PanethKolloquium/2021/0025.pdf">https://paneth.eu/PanethKolloquium/2021/0025.pdf</a>
Thursday	04.11.2021	14:15	Windmill et al.	O isotope variations in IIIAB iron meteorites	<a href="https://paneth.eu/PanethKolloquium/2021/0039.pdf">https://paneth.eu/PanethKolloquium/2021/0039.pdf</a>
Thursday	04.11.2021	14:30	Semprich et al.	Constraining the stability of carbonates and low-grade metamorphic phases in the martian crust	<a href="https://paneth.eu/PanethKolloquium/2021/0029.pdf">https://paneth.eu/PanethKolloquium/2021/0029.pdf</a>
<i>Have a break...</i>					
Thursday	04.11.2021	15:00	Schwenzer	Water-rock reaction pathway modeling for Mars, $\delta^{18}O$ from alteration to habitability	<a href="https://paneth.eu/PanethKolloquium/2021/0030.pdf">https://paneth.eu/PanethKolloquium/2021/0030.pdf</a>
Thursday	04.11.2021	15:15	Abouchami et al.	Cadmium stable isotopes in the lunar regolith	<a href="https://paneth.eu/PanethKolloquium/2021/0026.pdf">https://paneth.eu/PanethKolloquium/2021/0026.pdf</a>
Thursday	04.11.2021	15:30	Haber et al.	A $\sim 4.16$ Ga impact event on the Moon recorded by lunar meteorite NWA 5000	<a href="https://paneth.eu/PanethKolloquium/2021/0027.pdf">https://paneth.eu/PanethKolloquium/2021/0027.pdf</a>
Thursday	04.11.2021	15:45	Storz et al.	Distribution and chemistry of Fe-Ni metal in lunar regolith breccias	<a href="https://paneth.eu/PanethKolloquium/2021/0033.pdf">https://paneth.eu/PanethKolloquium/2021/0033.pdf</a>
Thursday	04.11.2021	16:00	Fischer et al.	A cannon ball impact model of Moon formation and the nature of the earliest meteorites	<a href="https://paneth.eu/PanethKolloquium/2021/0041.pdf">https://paneth.eu/PanethKolloquium/2021/0041.pdf</a>
Thursday	04.11.2021	16:15	Zipfel & Pack	Closing words	
Print only			German	On the alleged unique disruption of an asteroid over Walnumfjelled	<a href="https://paneth.eu/PanethKolloquium/2021/0014.pdf">https://paneth.eu/PanethKolloquium/2021/0014.pdf</a>
Print only			German	Atmospheric anomalies of the 1908 Tungus event	<a href="https://paneth.eu/PanethKolloquium/2021/0015.pdf">https://paneth.eu/PanethKolloquium/2021/0015.pdf</a>
Print only			German	Magnetic registrations during the Tungus event	<a href="https://paneth.eu/PanethKolloquium/2021/0016.pdf">https://paneth.eu/PanethKolloquium/2021/0016.pdf</a>
Print only			German	The microbarogram of the 1908 Tungus event	<a href="https://paneth.eu/PanethKolloquium/2021/0017.pdf">https://paneth.eu/PanethKolloquium/2021/0017.pdf</a>
Print only			German	The multiactivity of the Tunguska paleovolcano	<a href="https://paneth.eu/PanethKolloquium/2021/0018.pdf">https://paneth.eu/PanethKolloquium/2021/0018.pdf</a>
Print only			German	Comment on "A Tunguska sized airburst destroyed Tall el-Hammam ... near the Dead Sea".	<a href="https://paneth.eu/PanethKolloquium/2021/0019.pdf">https://paneth.eu/PanethKolloquium/2021/0019.pdf</a>
Print only			Schmidt	Impact craters made by iron projectiles	<a href="https://paneth.eu/PanethKolloquium/2021/0022.pdf">https://paneth.eu/PanethKolloquium/2021/0022.pdf</a>
Print only			Sukhanova	Trace elements and three oxygen isotopes ratios in olivine of EOC	<a href="https://paneth.eu/PanethKolloquium/2021/0036.pdf">https://paneth.eu/PanethKolloquium/2021/0036.pdf</a>
Print only			Hoffmann et al.	Erg Chech 002 and the Trachy- Andesite Meteorite Clan: Compilation of Magnetic Susceptibility Data	<a href="https://paneth.eu/PanethKolloquium/2021/0040.pdf">https://paneth.eu/PanethKolloquium/2021/0040.pdf</a>