

# Program

**Monday, 22 March 2021**

08:30 – 09:00	Burak Atakan	<b>Welcome: Let's talk about energy storage!</b>
09:00- 09:10	Stefan Jorda	<b>About the Wilhelm and Else Heraeus-Foundation</b>

**Session chair: Johannes Janicka**

09:10 – 10:10	Heleen de Coninck	<b>Limiting global warming to 1.5C: Can energy storage technology help accelerate action?</b>
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10:10 – 11:10	André Thess	<b>Thermochemical energy storage</b>
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11:10 – 11:30	<i>COFFEE BREAK</i>	
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11:30 – 12:30	André Bardow	<b>Power-to-What? Trade-offs in electrifying our societies</b>
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12:30	<i>LUNCH BREAK</i>	
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**Session chair: Uwe Riedel**

13:30 – 14:30	Valentin Bertsch	<b>Demand for and profitability of energy storage – a market perspective</b>
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14:30 – 15:30	Fokko Mulder	<b>Large scale energy storage using a scalable, hybrid, system approach</b>
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15:30 – 16:00	<i>COFFEE BREAK</i>	
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16:00 – 17:30	<b>Poster session I</b>	
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17:30 – 18:45	<b>Discussion:</b> Assessment of energy storage strategies	
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18:45	<i>END</i>	
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# Program

**Tuesday, 23 March 2021**

**Session chair: Andreas Dreizler**

09:00 – 10:00	Walter Leitner	<b>Smart solutions for climate protection – from power to chemicals</b>
10:00 – 11:00	Dimos Trimis	<b>Sulfur as energy carrier and sulfur combustion</b>
11:00 – 11:30	<i>COFFEE BREAK</i>	
11:30 – 12:30	Francesco Contino	<b>Hydrogen and ammonia: robust production, utilization, and systemic impact</b>
12:30	<i>LUNCH BREAK</i>	

**Session chair: Annelies Vandersickel**

13:30 – 14:30	Philip de Goey	<b>Metal energy carriers: sustainable fuels for the future</b>
14:30 – 15:30	Sophia Haussener	<b>High-temperature heat storage materials and devices</b>
15:30 – 16:00	<i>COFFEE BREAK</i>	
16:00 – 17:30	<b>Poster session II</b>	
17:30 – 18:45	<b>Discussion:</b> Research needs in thermal and chemical energy storage	
18:45	<i>END</i>	

# Program

Wednesday, 24 March 2021

**Session chair: Harry Hoster**

09:00 – 10:00	Jutta Geldermann	<b>Combining scenario planning, energy system analysis, and multi-criteria analysis to develop and evaluate energy scenarios</b>
10 :00 – 11:00	Jakob Burger	<b>Options and hurdles for implementing synthetic fuels in the transport sector</b>
11:00 – 11:30	<i>COFFEE BREAK</i>	
11:30 – 12:30	Ralph Kleinschmidt	<b>Smart solutions for climate protection – from power to chemicals</b>
12:30	<i>LUNCH BREAK</i>	

**Session Chair: Karsten Müller**

13:30 – 14:30	Liselotte Schebeck	<b>Assessment of energy storage technologies</b>
14:30 – 15:30	Francesca di Mare	<b>Turbomachines for future sustainable energy systems</b>
15:30	<b>Final Discussion</b>	
	Burak Atakan Johannes Janicka	<b>Final Remarks</b>

**End of the seminar**