



HITEC virtual Symposium

25 June 2021 | Streaminglink: <https://fz-live.de/HITEC/>

12:00	Registration	
12:15	Welcome	Prof. Dr. Uwe Rau
12:25	Sylvain Badie, IEK-1	MAX phases: novel multifunctional materials for the energy transition
12:45	Johanna Siekmann, IEK-5	It's a trap! Defect density in thick and thin perovskite layers
13:05	Mohamad Muddassir Ghoorun, ZEA-2	Quantum Computing revolution in the 21 st century
13:25	Yaping Wang, IEK-2	What is eating our turbine blades: effects of deposit chemistry on hot corrosion reactions
13:45	Break	25 Minutes
14:10	Song Zhou, IEK-4	Optimizing fusion plasmas for safe heat exhaust
14:30	Muhammad Younas, ZEA-3	Operando NAP-XPS: Relating catalytic activity with the chemical state of the Pd-based catalyst
14:50	Yun Li, IEK-7	My dream of flying came true – airborne measurements of trace gases in the Asian Monsoon Anticyclone
15:10	Florian Baader, IEK-10	Simultaneous online optimization of energy supply and consumption
15:30	Break	25 Minutes
15:55	Rebekka Tesch, IEK-13	Revealing the Unseen: Atomic-Scale Simulations of Energy Materials
16:15	Changmin Cho, IEK-8	Importance of atmospheric OH, HO ₂ and RO ₂ radicals in tropospheric Ozone production
16:35	Ansgar Kretzschmar, IEK-9	Capturing CO ₂ with a tailorable carbon molecular sieve
17:45	HITEC Communicator Awards	for the 3 best scientific talks at the HITEC Symposium

