



Pegasus Project Workshop

9th September 2021

9:00 – 13:00 (CEST)

- 09:00 – 09:05 Opening and Welcome
Dennis Thomey (DLR)
- 09:05 – 09:30 PEGASUS Project overview: Objectives and Challenges
Dennis Thomey (DLR)
- 09:30 – 09:55 Centrifugal particle receiver technology
Jens Rheinländer (DLR)
- 09:55 – 10:20 SO₃ splitting catalytic systems development
George Karagiannakis (APTL/CERTH)
- 10:20 – 10:45 Particles-heated sulphuric acid decomposition reactors
Vamshi Krishna Thanda (DLR)
- 10:45 – 10:55 Coffee break
- 10:55 – 11:20 Sulphur combustion at high power density
Stefan Harth, Nadia Sebbar, Michal Fedoryk (KIT)
- 11:20 – 11:45 Receiver / reactor operation demonstration campaigns
Jens Rheinländer, Vamshi Krishna Thanda (DLR)
- 11:45 – 12:10 Overall plant simulation
Annarita Salladini (NextChem)
- 12:10 – 12:35 Opportunities in new generation CSP plants
Yaniv Binyamin, Morag Am-Shalem (Brightsource)
- 12:35 – 12:45 Future perspectives of the technology & closing remarks
Christos Agrafiotis (DLR)
- 12:45 – 13:00 Questions and Discussion



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