

Thursday 05.04.18

09:15 09:45 Welcome and coffee Tittle

09:45 10:30 Session 5. Pharma & Session Chair: T. Wallek

- Manuel Berger, MCI: "An uncertainty analysis of LDA measurements of the complex nasal geometry with horizontal cut"
- 09:45 10:05 Oral 5.1
- 10:05 10:25 Oral 5.2 Bernhard Wagner, TU Graz: "Process Development Approach for Continuous Capsule-Filling"
- Nicos Tsioutsios, Montanuniversität Leoben: "Integration of material recycling with emission control in the iron ore sintering process"
- 10:25 10:45 Oral 5.3
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10:45 11:15 *Coffee break & Poster Discussion*

11:15 12:00 Session 6. Separatio Session Chair: G. Mauschitz

- Friedrich Holzinger, TU Graz: "Measurements of Filter Pressure and Filter Displacement using a High-Speed Camera and a Disc-Based Filter Test Rig during Pulse Jet Cleaning"
- 11:15 11:35 Oral 6.1
- Christian Mayerl, MCI: "Investigation towards the Evaluation Procedure of the Drag Coefficient of Spherical and Aspherical Particles or Agglomerates"
- 11:35 11:55 Oral 6.2
- Christof Lanzerstorfer, FH Wels: "Influence of the surface roughness of grit-blasted steel on the wall friction angle of limestone powder"
- 11:55 12:15 Oral 6.3
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12:15 12:30 Handover of Marini

12:30 13:30 *Lunch break & Poster Discussion*

13:30 16:00 Session 7. Particle F Session Chair: S. Schneiderbauer

- Maryam Askarishahi, TU Graz: "Two-Fluid Model-based Simulations of Wet Fluidized Beds"
- 13:30 13:50 Oral 7.1
- Mustafa Efe Kinaci, JKU: "Reduction Modeling of Iron Oxides with Carbon Monoxide and Hydrogen using CFD-DEM"
- 13:50 14:10 Oral 7.2
- Mathias Vangö, JKU: "Modeling the multiphase flow of blast furnace hearth drainage"
- 14:10 14:30 Oral 7.3
- Daniel Queeschiner, JKU: "Concurrent DEM Simulations at Multiple Levels of Detail"
- 14:30 14:50 Oral 7.4
- Thomas Laminger, TU Wien: "Can analytical solutions for separation efficiencies of unloaded dust filter media be applied to dust-loaded states?"
- 14:50 15:10 Oral 7.5

15:10 15:30 Closing Session