

Session Program

30 May 2022 to 2 June 2022



InterPore2022

MS17

Monday 30 May

14:10

MS17: Parallel Oral Session 2D

Session

14:10–14:25

Flower-like Porous Structure for Solar Thermal Distillation and Brine Treatment

Speaker

Mr Mohamed Abdelsalam

14:25–14:40

Experimental measurement of the heat transfer coefficients for gas flow through granular porous media

Speaker

Mr Shaolin Liu

14:40–14:55

A directed network feature for thermal anisotropy of granular materials

Speaker

Dr Wenbin Fei

15:10

16:20

MS17: Parallel Oral Session 3D

Session

16:20–16:35

On the effects of the lithostatic, hydrostatic pressures, and the temperature on Plasma Pulse Geo Drilling (PPGD)

Speaker

Mohamed Ezzat

16:35–16:50

Three-dimensional Rayleigh-Darcy convection at high Rayleigh numbers

Speaker

Marco De Paoli

16:50–17:05

Pin-fin shape and orientation effects on heat transfer and fluid flow in gas turbine blade

Speaker

Dr chekib ghabi

17:05–17:20

Modeling of Powder Bed Dynamics in Thermochemical Heat Storage

Speaker

Dr Torben Prill

17:20–17:35

Micro-scale Laser-induced Fluorescence Thermometry for Multiphase Flow in Porous Media

Speaker

Samuel Simmons

17:35–17:50

**Acute observations into multifractal characteristics of bituminous coals by
Qualitative analytics**

Speaker

Paul Naveen

18:05