

Session Program

30 August 2026 to 3 September 2026

Sintering 2026

Fundamental aspects of sintering

Monday 31 August

13:40

Fundamental aspects of sintering

Session | **Location:** Eurogress Aachen, Brüssel Saal

13:40–14:10

Thermodynamics of Sintering: Grain Boundary Energy, Surface Energy, and Pore Stability

Speaker

Douglas Gouvêa

14:10

13:40

Fundamental aspects of sintering

Session | **Location:** Eurogress Aachen, Room K5

13:40–14:10

From Flash Sintering to Field-Free Ultrafast Sintering and Electric-Field-Driven Microstructure Control

Speaker

Jian Luo

14:10

16:00

Fundamental aspects of sintering

Session | **Location:** Eurogress Aachen, Room K5

16:00–16:30

Grain boundary structure and chemistry as an effect of external fields and processing

Speaker

Klaus van Benthem

16:30

Tuesday 1 September

09:00

Fundamental aspects of sintering

Session | **Location:** Eurogress Aachen, Room K4

09:00–09:30

Liquid phase sintering an instrument of nanostructured materials architecture.

Speaker

Prof. Andrey Ragulya

09:30

11:20

Fundamental aspects of sintering

Session | **Location:** Eurogress Aachen, Room K4

11:20–11:40

Non-Equilibrium Relaxation during the Cold Sintering Process

Speaker

Sevag Momjian

11:40

Wednesday 2 September

10:50

Fundamental aspects of sintering

Session | **Location:** Eurogress Aachen, Room K5

10:50–11:20

Sintering-Driven Evolution of Grain Boundary Complexions: Linking GBPD, Energy Distributions, and Atomic Structure Across Oxide and Silicate Systems

Speaker

K. (T.) Marquardt

11:20

Thursday 3 September

09:00

Fundamental aspects of sintering

Session | **Location:** Eurogress, Room K4

09:30

09:00–09:30

Sintering Hazards - A Non-Steady-State Approach to Kinetics

Speaker

Shen Dillon