

Session Program

30 August 2026 to 3 September 2026

Sintering 2026

Flash Sintering

Tuesday 1 September

15:30

Flash Sintering: (1)

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

15:30–16:00

Accelerated cationic diffusion in oxide ceramics under AC-flash event

Speaker

Hidehiro Yoshida

16:00–16:20

Flash Sintering of B4C: simulation and experimental testing

Speaker

Ricardo Mineiro

16:20–16:40

Flash Sintering-Enabled Defect Engineering of Functional Oxide Ceramics for Photocatalysis and Sodium-ion Batteries

Speaker

Anupam Raj

16:40–17:00

Energy-Efficient Ultra-Fast Spark Plasma Sintering of Binder Jetting 3D-Printed 316L Stainless Steel

Speaker

Elisa Torresani

17:00

Wednesday 2 September

10:51

Flash Sintering

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

10:51–11:20

Strong Electric Field/Current Effects on High Temperature processes in Zirconia (8YSZ) Polycrystal

Speaker

Koji Morita

11:20

Thursday 3 September

09:01

Flash Sintering

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

09:01–09:30

Expanding the Limits of Flash Sintering Through a Contactless, Plasma Based Approach

Speaker

Dr Zhao Zhang

09:30