



**UNIVERSITÀ
DI TRENTO** | Dipartimento di
Ingegneria Industriale

**JECS
Trust**



FIELDSMATTER



Deutsche
Forschungsgemeinschaft



Summer School

NON-CONVENTIONAL SINTERING: SCIENCE AND TECHNOLOGY

Monday, 5th - Wednesday, 7th June 2023

Palazzo di Economia, via Inama 5, Trento (Italy)

Session 1: General tools for understanding sintering

Mattia Biesuz (University of Trento, Italy)
Shen Dillon (University of California, USA)
Charles Manière (Normandy University, France)
Martin Bram (Forschungszentrum Jülich GmbH, Germany)

Session 2: Rapid sintering technologies

Wolfgang Rheinheimer (Forschungszentrum Jülich GmbH, Germany)
Andraž Kocjan (Jožef Stefan Institute, Slovenia)

Session 3: Spark plasma sintering of inorganic materials

Claude Estournes (French National Centre for Scientific Research, France)
Michael J. Reece (Queen Mary University of London, UK)

Session 4: Flash sintering of ceramics

Salvatore Grasso (Queen Mary University of London, UK)
Vincenzo. M. Sglavo (University of Trento, Italy)

Session 5: Cold sintering of ceramics

Olivier Guillon (Forschungszentrum Jülich GmbH, Germany)
Catherine Elissalde (Institute for Condensed Matter Chemistry of Bordeaux, France)

Fees

- €160 for students and young PostDocs
 - €300 for professionals
 - €45 for master students (w/o social dinner)
- The fee includes registration, social dinner, coffee breaks and two light lunches

Local organizing committee

Gian D. Sorarù
Michela Monselesan
Alexia Conci
Livio Zottele

Scientific organizing committee

Department of Industrial Engineering,
University of Trento (Italy):
Vincenzo M. Sglavo
Mattia Biesuz
Emanuele De Bona
Institute of Energy and Climate Research:
Materials Synthesis and Processing (IEK-1)
Forschungszentrum Jülich GmbH (Germany):
Olivier Guillon
Martin Bram
Luca Balice

Info and Registration

sintering.school@unitn.it

www.unitn.it/non-conventional-sintering