

## **Poster Session**

**Session Chair:** Rolf Janssen, TUHH, Germany

1. **Flash sintering of SrTiO<sub>3</sub>**  
Fabian Lemke, KIT, Germany
2. **Flash sintering of TCP bioceramics: Effect of particle size and influence on  $\beta \rightarrow \alpha$  transition**  
Matteo Frasnelli, DII - University of Trento, Italy
3. **FAST sintering of alumina, spinel and yttria-stabilized zirconia three-phase composites**  
David Kok, University of California, Irvine, USA
- 4.
5. **Fast one-step synthesis and sintering of materials promoted by electric fields**  
Lilian M. Jesus, University of São Paulo, Brazil
- 6.
- 7.
8. **Observations on Flash Sintering of Uranium Dioxide**  
Kenneth J. McClellan, Los Alamos National Laboratory, USA
9. **Microstructure and mechanical properties of Spark Plasma Sintered tungsten-copper-zinc composites**  
Thabiso Langa, Tshwane University of Technology, South Africa
10. **Self-organized structure in current-activated pressure-assisted densification (CAPAD)**  
Sebastian Angst, University of Duisburg-Essen, German
- 11.
- 12.
- 13.
- 14.
15. **Growth behavior of faceted Na<sub>1/2</sub>Bi<sub>1/2</sub>TiO<sub>3</sub>-BaTiO<sub>3</sub> grains in single and two-step sintering in support for the microstructural evolution principle**  
Seok-Young Ko, Korea Advanced Institute of Science and Technology (KAIST), South Korea