



The
University
Of
Sheffield.

Workshop on Sustainable Manufacturing of Advanced Ceramics

The University of Sheffield 12 September 2017

Arrival and reception coffee break	10:00-10:30
Welcome	10:30-10:45
“Continuous hydrothermal synthesis of nanoceramics; From materials discovery to pilot plant” (Prof. Jawwad Darr, University College of London)	10:45-11:30
“Rheology of complex fluids in colloidal processing” (Dr. Esther Garcia-Tunon, University of Liverpool)	11:30-12:15
“3D printing additive manufacturing of advanced ceramics” (Prof. Brian Derby, University of Manchester)	12:15-13:00
Lunch break	13:00-14:00
“Field assisted processing of functional ceramics, new crops to harvest” (Prof. Mike Reece, Queen Mary College)	14:00-14:45
“Flash sintering: What it can do and how does it work?” (Prof. Richard Todd, University of Oxford)	14:45-15:30
“Making materials with microwaves: The art of the possible” (Prof. Bala Vaidhyanthan, Loughborough University)	15:30-16:15
“Cold sintering for sustainable ceramics” (Dr. Rebeca Boston, The university of Sheffield)	16:15-17:00
Concluding remarks and departure	17:00-17:05