Increasing bearing life via microstructure control through processing

Agenda:

10:00 to 10:20	Coffee
10:20 to 10:30	Introduction
10:30 to 11:00	Characterisation of inclusions in super-clean bearing steels using electrolytic extraction and probability-based statistical model, Haiwen Luo, USTB
11:00 to 11:30	Comparison of microstructures and RCF properties of bearing steel products manufactured in several countries via different processes, Ke Geng, JXSS
11:30 to 12:00	A study of rolling contact life of GCr15, Feng Yu, CISRI
12:00 to 12:30	Discussion on characterisation methods
12:30 to 13:30	Lunch
13:30 to 14:40	Modelling damage evolution and life prediction in bearing steels, Lancaster University, Pedro Rivera
14:00 to 14:30	Processing/property relations in bearing steels, Lancaster University, Hanwei Fu
14:30 to 15:00	Structure of martensite and its implications for fatigue, University of Cambridge, Enrique Galindo
15:00 to 15:30	Discussion on modelling methods
15:30 to 16:00	Coffee
16:00 to 17:00	Overall discussion: adoption of the modelling techniques by industry.
17:00	Close