

Congress Report

Subject: The 7th World Congress on Particle Technology (WCPT7),
Date: 19-22th May 2014
Place: Beijing International Convention Center (BICC), Beijing, China
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Report Date: 6/6/2014

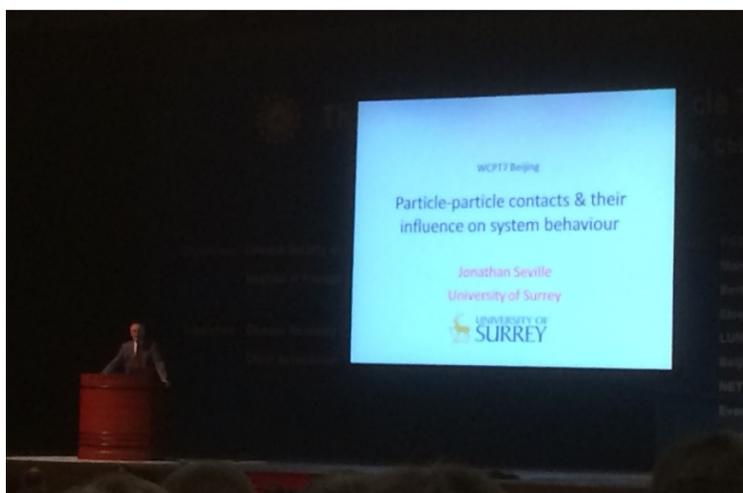


The 7th World Congress on Particle Technology (WCPT7) was held from May 19 to May 22, 2014, in Beijing, China. It is a conference that proposed as principal theme “New paradigm of particle science and technology”, for this reason particle system monitoring and control, particle property and inter-particle force characterization, instrumentations and methods, fundamentals and standards, rheological and dynamical characterization were the main fields of interest. In this conference there were 1256 attendees from 40 different and 1018 lectures were presented during the congress with 865 oral presentations and 153 posters. Besides several exhibitors from companies and publisher were present during the conference.

Monday 19th May

Place: Convention Hall N° 1

The first Chair, Mojtaba Ghadiri from the University of Leeds welcomed all the attendees to the 7th World Congress on Particle Technology and gave an introduction and explanation of the congress program. The second Chair, Chi-Hwa Wang from the University of Singapore introduced the first speaker of the day: Prof. Jonathan Seville from the University of Surrey. Prof. Jonathan Seville gave a plenary lecture on the importance of the particle-particle contacts and how it can influence system behaviour. The second talk was given by Prof. Liang-Shih Fan from Ohio State University who introduced the chemical looping technology from the particle technology prospective. After the tea and coffee break, the Chairs, Sotiris Pratsinis from the Swiss Federal institute of Technology Zurich and Jesse Zhu from the University of Ontario introduced other two speakers: Yadong Li from the Tsinghua University and Ko Higashitani from Kyoto University, who talked about metal nanoparticles catalysis and nano-scale surface structures of particles in a macroscopic wet processes, respectively.



Wednesday 21st January

The entire day was mainly dedicated to attend different presentations. Part of the afternoon was dedicated to poster exhibition.

Thursday 22nd January

Place: Convention Hall N° 3

The two Chairs, Yunfa Chen from the Institute of process Engineering, CAS and Wolfgang Peukert from Erlangen-Numemberg University thanked all the attendees of the congress and introduced the first two speakers of the day: David A. Weitz from Harvard University who talked about new route for particle synthesis; Anton Middelberg from Queensland University who presented new challenges in particles and biology. The last speaker was Pradip from Tata Research Development and Design Centre who discussed about the design and optimization of mineral processing circuits. After the last talk the Chairs announced the winners for the poster competition.

Comments:

My first international conference experience was useful to improve my transferable skills such as oral presentation, personal introduction, communication and interaction with experts from different fields: companies, universities and research institutes. Also attending several seminars and presentations followed by questions and discussions with the speakers was very useful for acquiring a deeper knowledge of different fields and new techniques for a better understanding of different particle technology areas. Besides Beijing is a city “*full of history*” as the guide said, during the conference it was possible for me to visit some very interesting and nice places like the Great Wall, the Forbidden City, Summer Palace and learnt about the history of some chinese culture.

