

Second International Round Table on Titanium Production in Molten Salts

Tromsø - Trondheim, Norway, 19 -22 September 2010

Preliminary program

Monday 20 September

09:00 Opening

09:10 George Z. Chen, University of Nottingham. "Electro-reduction of solid TiO_2 in molten CaCl_2 : Barriers and feasible solutions for the new making of titanium"

09:50 Ryosuke Suzuki, Hokkaido University. "Recent Studies on OS process"

10:30 Joachim Hausmann, DLR Cologne. "Electrolytic production routes for titanium matrix composites: Lessons learned"

11:10 Coffee break

11:50 Kartik Rao, Metalysis. "The FFC Cambridge process for production of low cost titanium and titanium powders"

12:30 Toru H. Okabe, The University of Tokyo. "On the titanium reduction processes"

13:10 Lunch break

15:00 Krzysztof Borowiec, Rio Tinto Iron & Titanium Inc. "Reduction of TiO_x melts with Al and CaAl"

15:40 Rohit Bhagat, University of Warwick. "Quantitative X-ray synchrotron analysis of the FFC Cambridge process"

16:20 Coffee break

16:50 Derek Fray, University of Cambridge. "Inert anodes for use in calcium chloride-calcium oxide melts"

17:30 Poster session. Shuhei Arisawa, Kyoto University. Amr Abdelkader, University of Cambridge.

Tuesday 21 September

09:00 Yasushi Katayama, Keio University. "Electrochemical reduction of titanium and tantalum bromides in an ionic liquid"

09:40 Olga Babushkina, CEST Centre of Electrochemical Surface Technology. "Electrochemical reduction of titanium(IV) from molten salts and ionic liquids"

10:20 Tetsuya Uda, Kyoto University. "Electrochemical polishing of metallic titanium in ionic liquid"

11:00 Coffee break

11:30 Carsten Schwandt, University of Cambridge. "Understanding the electro-deoxidation of titanium dioxide to titanium metal via the FFC-Cambridge process"

12:10 Ana M. Martinez, SINTEF. "Titanium deposition by using titanium oxycarbide anodes"

12:50 Lunch break

15:00 Hongmin Zhu, University of Science and Technology Beijing. "Review on the development of titanium production in China"

15:40 Aybars Güven, RWTH Aachen University. "Titanium interaction in halide electrolytes"

16:20 Pause

16:50 Jochen Gussone, DLR, Cologne. "Electrolytic deposition of titanium on SiC-fibres as first step in titanium matrix composite production"

17:30 Tommy Mokkelbost, SINTEF. "Preparation and behaviour of tin oxide reducing gas anodes"

18:10 Summing up and next meeting

Meals

0700-1000: Breakfast, 1330: Lunch, 2030: Dinner