

**The 2nd Workshop
on
Reactive Metal Processing**
– Recent Progress of Materials Processing –

November 16-17, 2006,
Institute of Industrial Science,
The University of Tokyo, Tokyo, Japan



Supported by Core to Core Program “Active Metal Processing”,
Japan Society for the Promotion of Science (JSPS)

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Workshop Program

November 16 (Thursday), 2006

Convention Hall (2F), Building A

14:00–14:10 **Opening Remarks**

Prof. T.H. Okabe, The University of Tokyo

PM1 Session Chair: Prof. T. Uda

14:10–15:10 **“Recent Process in the Development of New Electrochemical Processes for the Production of Titanium”**

Prof. D.J. Fray, Cambridge University

15:10–16:10 **“About Norsk Titanium, and Recent Process on Titanium Research”**

Dr. K. Dring, Norsk Titanium AS

16:10–16:20 **Coffee Break**

PM2 Session Chair: Prof. T.H. Okabe

16:20–17:20 **“Calcium in Molten Salts: A Chemical Panacea or an Electrochemical Disaster”**

Prof. G.J. Kipouros, Dalhousie University

17:20–18:20 **“Towards Sustainable Metals Production by Electrochemical Processing in Oxide Melts”**

Prof. D.R. Sadoway, Massachusetts Institute of Technology

18:20–18:30 **Close Remarks**

Prof. T.H. Okabe, The University of Tokyo

18:30–20:30 **Discussion and Reception at Foyer (2F), Building A**

Poster Session (Okabe Lab, Morita Lab, and Maeda Lab etc.)

November 17 (Friday), 2006

Convention Hall (2F), Building A

Social event

- | | |
|-------------|--|
| 10:00–11:00 | Lab Tour at IIS
(Prof. Maeda's group, Prof. Morita's group, and Prof. Okabe's group) |
| 11:00–12:00 | Free Discussion |
| 12:00–13:30 | Workshop Lunch |

Digest of Oral Presentations

“Recent Process in the Development of New Electrochemical Process for the Production of Titanium”,

D.J. Fray

Document A

“About Norsk Titanium, and Recent Progress on Titanium Research”,

K. Dring

Document B

“Calcium in Molten Salts: A Chemical Panacea or an Electrochemical Disaster”,

G.J. Kipouros

Document C

“Towards Sustainable Metals Production by Electrochemical Processing in Oxide Melts”,

D.R. Sadoway

Document D

Digest of Poster Presentations

“New Titanium Production Process by Magnesiothermic Reduction of Titanium Subhalides”,

O. Takeda and T.H. Okabe

Document E

“Electrochemical Pulverization of Bulk Metal for Producing Fine Niobium Powder”,

B. Yuan and T.H. Okabe

Document F

“Selective Chlorination of Titanium Ore and Production of Titanium Powder from Titanium Ore by Preform Reduction Process (PRP)”,

H. Zheng and T.H. Okabe

Document G

“Production of Scandium and Al-Sc Alloy by Using CaCl_2 Molten Salt”,

M. Harata and T.H. Okabe

Document H

List of Participants and Contact Information

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