



IEA Technology Collaboration Program on High-Temperature Superconductivity (IEA HTS TCP)

HTS Workshop Organized by NEDO

4 - 5 July 2017

Kawasaki - Japan



Tuesday, 4 July 2017

ExCo Open Session: HTS Workshop

Welcome and Introduction Shigenobu Watanabe, Director General NEDO
Luciano Martini, IEA HTS TCP

Moderator: Hiroyuki Ohsaki, Vice Chair, IEA HTS TCP

13:40 – 13:55 ***“Present status of applied HTS in Italy”***, L. Martini, RSE (IT)

13:55 – 14:10 ***“Status of applied HTS in the US”***, Brian Marchionini,
Operating Agent (USA)

14:10 – 14:25 ***“HTS activity in Switzerland”***, Bertrand Dutoit, EPFL (CH)

14:25 – 14:40 ***“HTS activity in China”***, Yutaka Yamada, Operating Agent (JP)

14:40 – 14:55 ***“Current status of HTS power devices development at
KEPRI”***, Yamada on behalf of Sang Chul Han, KEPRI (KR)

14:55 – 15:10 ***“Status of HTS materials and applications development in
Germany”***, Yamada on behalf of Mathias Noe, KIT (DE)

15:10 – 15:30 ***“Recent Activities at Nexans in the Field of Superconducting
Systems”***, Jean-Maxime Saugrain, Nexans (FR)

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Japanese Special Session

Moderator: Luciano Martini, Chair, IEA HTS TCP

- 16:00 – 16:20 ***“Japanese HTS Projects – Now and Future”***, Tetsushiro Iwatsubo, NEDO
- 16:20 – 16:40 ***“Safety and Reliability verification tests for Superconducting Cables”***, Takato Masuda, SEI
- 16:40 – 17:00 ***“HTS Railway Applications”***, Masaru Tomita, Railway Technical Research Institute
- 17:00 – 17:20 ***“Development of High Stable Magnetic Field HTS Magnet System Technology”***, Shoichi Yokoyama, Mitsubishi Electric
- 17:20 – 17:40 ***“Recent Progress of REBCO Coated Conductors at Fujikura”***, Masanori Daibo, Fujikura
- 17:40 – 18:00 ***“Present Status of Taiyo Nippon Sanso Neon Turbo-Brayton Refrigerator”***, Shigeru Yoshida, Taiyo Nippon Sanso

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Round Table Discussion - Cable Commercialization Issues

09:00 – 09:10	Session Overview	Luciano Martini, RSE
09:10 – 09:20	System view	Jean-Maxime Saugrain, Nexans
09:20 – 09:35	Wire, Cable, and System view	Takato Masuda, SEI
09:35 – 09:45	System view	Masaru Tomita, RTRI
09:45 – 09:55	Cooling system view	Naoko Nakamura, Mayekawa
09:55 – 10:30	Discussion with Presenters and ExCo Members Moderator: Brian Marchionini, OA IEA HTS TCP	