### List of Other Research Papers Published Overseas
(From October 2008 to September 2009)

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<tr>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>[Proc. of International Symposium on Antennas and Propagation, Taipei] October 2008, Taiwan</td>
<td>Compact Multiband Antenna with a Dual-arm Monopole Structure for Mobile Phone and WiMAX Application</td>
<td>K. Ito 1, N. Guan, D. Deaule</td>
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**Fujikura Technical Review, 2010**

WTP-96 Visualization of Non-Uniform Current Flow in Coated Conductors by Scanning Hall-Probe Magnetic Microscopy


[CSJ Conference Autumn Meeting 2008] 2008. 11, Japan

Development of IBAD-MgO Layer with the Large IBAD System


Dramatically High Throughput of GdBCO Coated Conductors by PLD Technique


Thickening Gd123 Film by the Hot-wall Heating Type PLD System


Development of Large-current REBCO Conductor Aimed at the LHD-type Fusion Energy Reactor

...............G. Bansal, Y. Ogawa, M. Iwakuma, T. Izumi, Y. Yamada, Y. Shiohara, T. Saitoh

Fabrication of Interlayer by Using PLD Method on IBAD-MgO Substrate


Development of CeO2 Buffer Layer for Coated Conductors by RF-Sputtering


Development of 1kA-class High Current Model Coil for Superconducting Power Transformers


Development of the Low Cost YBCO Coated Conductor Using TFA-MOD Process

- 500 m Production by TFA-MOD Process -


Current Distribution at Repair Joints Made by Silver Diffusion Soldering


AC Loss Characteristics of Joint That Keeps Low AC Loss of REBCO Coated Conductors


Fatigue Properties of YBCO Coated Conductors


Development of the High Fiber Density Dry Microduct Cable

...............Y. Hashimoto, M. Ogi, F. L. Saputra, N. Okada


True 3D Through Hole Interconnection Formed by Femtosecond Laser Irradiation/Wet Etching and Molten Metal Suction Method

...............O. Nukaga, S. Yamamoto, H. Wakioka, T. Suemasu, H. Hashimoto

[9th International Heat Pipe Symposium (9IHPS)] 2008.11, Malaysia

Thermal Management in High Performance Computers by Use of Heat Pipes and Vapor Chambers

...............M. Mochizuki, K. Mashiko, Y. Saito, Thang Nguyen, X. P. Wu, Tien Nguyen, V. Wuttijumnong

Experimental Study of Thin Flat Heat Pipe with a Special Fiber Wick Structure

...............M. S. Ahamed, M. Mochizuki, K. Mashiko, Y. Saito, T. Mabuchi, Y. Horiuchi
Novel Designs of Miniature Loop Heat Pipe Evaporator and Their Future Potential for Cooling High Powered Laptops

R. Singh, A. Akbarzadeh, M. Mochizuki, T. Nguyen

Fluid Flow Visualization in a Vapor Chamber

Y. Koito, T. Zaizen, H. Imura, M. Mochizuki, M. Touge

[10th Electronics Packaging Technology Conference] 2008.11, Singapore

Micro Channel Vapor Chamber for High Heat Spreading

Y. Horiuchi, M. Mochizuki, K. Mashiko, Y. Saito, F. Kiyooka, G. Cabusao, T. Nguyen

[MRS Fall Meeting (MRS2008)] 2008. 12, U.S.A.

Session RR 1.2 Development of IBAD Process for RE-123 Coated Conductors

Y. Iijima

[International Workshop on Coated Conductors for Applications (CCA08)] 2008. 12, U.S.A.

1A-06 Fault Current Limiter Using Coated Conductor


1A-08 Development of REBCO Superconducting Transformers and Motors in Japan


2B-02 Challenges in Long Length Scale Up of High-Performance Coated Conductors in Japan

Y. Yamada, T. Izumi, Y. Shiohara, Y. Iijima, T. Saitoh

[The 3rd Japan-Korea Bilateral Workshop on Dye-sensitized and Organic Solar Cell] 2008. 12, Japan

Improved Durability of Dye-sensitized Solar Cells and Modules

H. Usui, H. Matsui, K. Okada, T. Kitamura, N. Tanabe


Field Trial of Duplex, 10 Gbps × 8-User DPSK-OCDMA System Using a Single 16 × 16 Multi-port Encoder/Decoder and 16-Level Phase-shifted SSFBG Encoder/Decoders

N. Kataoka, N. Wada, X. Wang, G. Cincotti, T. Miyazaki, K. Kitayama, A. Sakamoto, Y. Terada
Assisting Ion Source

Development of Long GdBCO Coated Conductors Which Consist of IBAD-MgO Based Substrates

Development of CeO: Buffer Layer for Coated Conductors by RF-Sputtering

Development of the Low Cost YBCO Coated Conductor Using TFA-MOD Process

Thermal Stability of Dye-sensitized Solar Cells with Current Collecting Grid

Low-Loss Ytterbium-Doped Polarization Maintaining Solid Photonic Bandgap Fiber

Distributed Fiber-optic Sensing System with OFDR and its Applications to Structural Health Monitoring

Application of Micro-Channel Fin for Cold Plate of Liquid Cooling System and Vapor Chamber

Growth of Zn-polarity MgZnO/ZnO MQWs on Bulk ZnO
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<td>S. Hanyu, C. Tashita, Y. Hanada, T. Hayashida, K. Morita, Y. Sutoh, M. Igarashi, K. Kakimoto, H. Kutami, Y. Iijima, T. Saitoh</td>
<td>Remarkable Progress in Fabricating RE123 Coated Conductors by IBAD/PLD Technique at Fujikura</td>
<td>[35th European Conference and Exhibition on Optical Communication] 2009. 9, Vienna</td>
<td>Germany</td>
<td>A Hole-Assisted Fiber for Wideband Transmission from 1.0 m to 1.6 m</td>
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<td>D. Wada, H. Murayama, H. Igawa, K. Kagayama, K. Uzawa, I. Yamaguchi, K. Omichi</td>
<td>Simultaneous Distributed Strain and Temperature Measurements by Optical Frequency Domain Reflectometry Using Polarization-maintaining Fiber Bragg Grating</td>
<td>[The 7th International Workshop on Structural Health Monitoring] 2009. 7, U.S.A.</td>
<td>USA</td>
<td>Preparation of RE123 Film with Large Current Capacity by Hot-wall Type PLD System</td>
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24) Kumamoto University
25) Sophia University
26) National Institute of Information and Communications Technology
27) School of Engineering and Physical Sciences, Heriot Watt University
28) Department of Applied Electronics, University of Roma Tre
29) Department of Electrical, Electronics and Information Systems, Osaka University
30) Trimatiz Limited
31) US Conec. Ltd
32) ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY (AIST)
33) Kyushu Institute of Technology
34) Japan Aerospace Exploration Agency
35) Lazoc Inc
36) Fujikura America Inc.