

List of Other Research Papers Published Overseas

(From October 2007 to September 2008)

[13th Microoptics Conference] October 2007, JAPAN

Effect of Hole and Electron Injection Time on Modulation Speed of Organic Light-Emitting Diode

.....B. Wei¹⁾, M. Ichikawa¹⁾, Y. Taniguchi¹⁾, T. Fukuda

[Advanced Metallization Conference (AMC)] October 2007, U.S.A.

Wafer-level-packaging Inductor with Extremely High Quality Factor and its Application to 5.8GHz LC-type Voltage Controlled Oscillator

.....K. Okada²⁾, K. Ohashi²⁾, Y. Ito²⁾, K. Masu²⁾, H. Hatakeyama, N. Ozawa, M. Sato, T. Aizawa, T. Ito, R. Yamauchi

[Advanced Metallization Conference, Asian Session (ADMETA)] October 2007, JAPAN

Wafer-level-packaging Inductor with Extremely High Quality Factor and its Application to 5.8GHz LC-type Voltage Controlled Oscillator

.....K. Okada²⁾, K. Ohashi²⁾, Y. Ito²⁾, K. Masu²⁾, H. Hatakeyama, N. Ozawa, M. Sato, T. Aizawa, T. Ito, R. Yamauchi

[Journal of Luminescence, Vol. 126, pp. 843-852] October 2007, Netherlands

Red-shift of Emission Wavelength Caused by Reabsorption Mechanism of Europium Activated Ca- α -SiAlON Ceramic Phosphors

.....N. Hirosaki³⁾, R-J. Xie³⁾, K. Sakuma

[Physica C: Superconductivity and its Applications, 463, pp.510-514, 2007] October 2007

Progress in Development of Advanced TFA-MOD Process for Coated Conductors

.....T. Izumi⁴⁾, M. Yoshizumi⁴⁾, J. Matsuda⁴⁾, K. Nakaoka⁴⁾, Y. Kitoh⁴⁾, T. Nakanishi⁴⁾, Y. Yamada⁴⁾, A. Yajima⁵⁾, Y. Shiohara⁴⁾, Y. Sutoh, T. Saitoh

[Physica C: Superconductivity and its Applications, 463, pp.568-570, 2007] October 2007

Development of 500m-length IBAD-Gd₂Zr₂O₇ Film for Y-123 Coated Conductors

.....S. Hanyu, Y. Iijima, H. Fuji, K. Kakimoto, T. Saitoh

[Physica C: Superconductivity and its Applications, 463, pp.571-573, 2007] October 2007

Effective Thickness of CeO₂ Buffer Layer for YBCO Coated Conductor by Advanced TFA-MOD Process

.....K. Nakaoka⁴⁾, J. Matsuda⁴⁾, Y. Kitoh⁴⁾, T. Nakanishi⁴⁾, A. Nakai⁴⁾, M. Yoshizumi⁴⁾, S. Miyata⁴⁾,

Y. Yamada⁴⁾, T. Izumi⁴⁾, Y. Shiohara⁴⁾, T. Saitoh

[Physica C: Superconductivity and its Applications, 463, pp.751-754, 2007] October 2007

Preparation of Conduction-cooled HTS Coils Using Y-123 Coated Conductors by IBAD/PLD Process

.....H. Fuji, S. Hanyu, K. Kakimoto, Y. Iijima, T. Saitoh

[56th International Wire & Cable Symposium] November 2007, U.S.A.

Bend-Insensitive Multi-Mode Fiber Ribbon Compatible with Standard Ribbon for High-Density Optical Interconnection

.....M. Isaji, I. Ishida, A. Namazue, T. Ishikawa, A. Murata, S. Matsuo, K. Himeno

Development of an Economical and High Reliability 1×32 Optical Splitter Module

.....N. Momotsu, K. Ogata, Y. Nomura

[2007 Materials Research Society Fall Meeting] November 2007, U.S.A.

Proposal of High Temperature MBE Growth of ZnO Films with Using Ionized Zn Flux

.....T. Jin⁶⁾, A. Yoshikawa⁶⁾, K. Omichi, Y. Kaifuchi, M. Fujimaki

[Coated Conductors for Application 2007] November 2007, SOUTH KOREA

Development of Long Re123 Coated Conductors on IBAD Templates

.....K. Kakimoto, H. Fuji, Y. Hanada, T. Miura, S. Hanyu, Y. Iijima, T. Saitoh

Multi-Scale Analysis of the Influence of Current Blocking Obstacles and Grain Boundaries in ReBCO Coated Conductors

.....T. Kiss⁷⁾, M. Inoue⁷⁾, A. Matsekh⁷⁾, K. Motoyama⁷⁾, K. Abiru⁷⁾, T. Kato⁸⁾, T. Hirayama⁸⁾, N. Kashima⁹⁾, S. Nagaya⁹⁾, K. Nakao⁴⁾, M. Yoshizumi⁴⁾, T. Izumi⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Development of Model Electric-Devices Using Coated Conductors- Power Transmission Cable and Fault Current Limiter -

.....N. Amemiya¹⁰⁾, Z. Jiang¹⁰⁾, Z. Li¹⁰⁾, M. Nakahata¹⁰⁾, M. Yagi¹¹⁾, S. Mukoyama¹¹⁾, T. Kato¹²⁾, M. Ueyama¹²⁾, T. Masuda¹²⁾, N. Kashima⁹⁾, S. Nagaya⁹⁾, A. Ishiyama¹³⁾, T. Yazawa¹⁴⁾, K. Koyanagi¹⁴⁾, M. Ono¹⁴⁾, M. Urata¹⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Improvement of J_c Property and Deposition Rate for GdBCO Coated Conductor in PLD Process
.....M. Miura⁴⁾, M. Yoshizumi⁴⁾, T. Izumi⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Sutoh, Y. Iijima, T. Saitoh

Recent Progress on R&D of Long YBCO Coated Conductor by TFA-MOD Method
.....Y. Aoki¹⁵⁾, T. Koizumi¹⁵⁾, Y. Takahashi¹⁵⁾, A. Kaneko¹⁵⁾, T. Hasegawa¹⁵⁾, S. Miyata⁴⁾, T. Nakanishi⁴⁾, T. Izumi⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

[Cryogenic Society of Japan Conference 2007 Autumn Meeting] November 2007, JAPAN

Degradation of YBCO Tapes Due to Over-current Pulse Drive
.....Y. Nishio¹³⁾, X. Wang¹³⁾, H. Ueda¹³⁾, H. Kono¹³⁾, S. Iyoda¹³⁾, A. Ishiyama¹³⁾, N. Kashima⁹⁾, M. Mori⁹⁾, T. Watanabe⁹⁾, S. Nagaya⁹⁾, M. Yagi¹¹⁾, S. Mukoyama¹¹⁾, Y. Yamada⁴⁾, T. Mati⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Changes of Mechanical and Electrical Properties of In-situ Cu-Nb Wires under Cyclic Stressing
.....M. Watanabe¹⁶⁾, K. Katagiri¹⁶⁾, K. Kasaba¹⁶⁾, R. Nakamura¹⁶⁾, S. Awaji¹⁷⁾, T. Saito, K. Goto

Development of Wire for Fault Current Limiter
.....K. Kakimoto, H. Fuji, M. Igarashi, Y. Hanada, T. Miura, S. Hanyu, Y. Iijima, T. Saitoh

Temperature Scaling of AC Loss in YBCO Superconducting Tapes with 10 Filaments and 20 Filaments
.....H. Yanagita⁷⁾, T. Sueyoshi⁷⁾, M. Iwakuma⁷⁾, K. Funaki⁷⁾, T. Izumi⁴⁾, Y. Shiohara⁴⁾, Y. Yamada⁴⁾, T. Saito, Y. Iijima

Strain and Fatigue Properties of YBCO Coated Conductors
.....Y. Tanaka¹³⁾, S. Bamba¹³⁾, H. Ueda¹³⁾, A. Ishiyama¹³⁾, N. Kashima⁹⁾, M. Mori⁹⁾, T. Watanabe⁹⁾, S. Nagaya⁹⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Development of Laser Scribing Process for YBCO Coated Conductors
.....Y. Sutoh⁴⁾, T. Nakanishi⁴⁾, M. Miura⁴⁾, M. Yoshizumi⁴⁾, T. Izumi⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, M. Iwakuma⁷⁾, T. Saitoh

Development of Practical YBCO Coated Conductors

Designed for Power Electric Applications
.....Y. Hanada, T. Miura, M. Igarashi, S. Hanyu, H. Fuji, K. Kakimoto, Y. Iijima, T. Saitoh

Preparation of 500m-class GdBCO Coated Conductor
.....H. Fuji, M. Igarashi, Y. Hanada, T. Miura, S. Hanyu, K. Kakimoto, Y. Iijima, T. Saitoh

The Development of Multi-IBAD Buffer Layer for ReBCO Coated Conductor
.....T. Kato⁸⁾, T. Hirayama⁸⁾, S. Hanyu, T. Miura, Y. Iijima, M. Igarashi, Y. Hanada, H. Fuji, K. Kakimoto, T. Saitoh

Magnetic Properties of YBCO Coated Conductor by TFA-MOD Process and Fabrication of the Solenoid Coil
.....Y. Hikichi¹⁵⁾, T. Koizumi¹⁵⁾, J. Nishioka¹⁵⁾, Y. Aoki¹⁵⁾, T. Hasegawa¹⁵⁾, T. Nakanishi⁴⁾, T. Izumi⁴⁾, S. Miyata⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Development of the Low Cost YBCO Coated Conductor Using TFA-MOD Process (6)

- Improvement of I_c in Long YBCO Coated Conductor Using TFA-MOD Process -
.....T. Koizumi¹⁵⁾, Y. Takahashi¹⁵⁾, A. Kaneko¹⁵⁾, Y. Aoki¹⁵⁾, T. Hasegawa¹⁵⁾, T. Nakanishi⁴⁾, T. Izumi⁴⁾, S. Miyata⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Preparation of Buffer Layer on Metallic Substrate for the High I_c YBCO Coated Conductor by Using TFA-MOD Process
.....Y. Takahashi¹⁵⁾, T. Koizumi¹⁵⁾, T. Nakanishi¹⁵⁾, T. Hasegawa¹⁵⁾, S. Miyata⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima

[International Symposium on Superconductivity 2007] November 2007, JAPAN

Scale-up of RE-123 Conductors with I_c of 300A/cm by IBAD/PLD Process Development
.....Y. Iijima, K. Kakimoto, H. Fuji, S. Hanyu, T. Miura, Y. Hanada, T. Saitoh

Long Gd-123 Coated Conductors by PLD Method
.....H. Fuji, M. Igarashi, Y. Hanada, T. Miura, S. Hanyu, K. Kakimoto, Y. Iijima, T. Saitoh

GZO/MgO Ibad-Buffer Layers for Coated Conductor
.....T. Kato⁸⁾, T. Hirayama⁸⁾, S. Hanyu, T. Miura, Y. Iijima, M. Igarashi, Y. Hanada, H. Fuji, K. Kakimoto, T. Saitoh

<p>[17th International Photovoltaic Science and Engineering Conference (PVSEC-17)] December 2007, JAPAN</p>	<p>[Optical Fiber Communication Conference 2008] February 2008, U.S.A.</p>
<p>Thermal Stability of Dye-sensitized Solar Cells with Current Collecting Grid</p>	<p>Flexible 10 Gbps, 8-user DPSK-OCDMA System with 16×16 Ports Encoder and 16-level Phase-shifted SSFBG Decoders</p>
<p>.....H. Matsui, K. Okada, T. Kitamura</p>	<p>.....X. Wang²⁰⁾, N. Kataoka²¹⁾, N. Wada²¹⁾, G. Cincotti²²⁾, K. Kitayama²³⁾, A. Sakamoto</p>
<p>[Asia-Pacific Microwave Conference 2007 (APMC)] December 2007, THAILAND</p>	<p>Duplex, Fully-Asynchronous, 10Gbps × 8-user DPSK-OCDMA Field Trial Using a Multi-port En/Decoder and SSFBG En/Decoders</p>
<p>Frequency and Temperature Dependence Measurements of Complex Permittivity of Dielectric Bars Using Some TMomo Modes in a Circular Cavity</p>	<p>.....N. Kataoka²¹⁾, N. Wada²¹⁾, X. Wang²⁰⁾, G. Cincotti²²⁾, T. Miyazaki²¹⁾, K. Kitayama²³⁾, A. Sakamoto, Y. Terada</p>
<p>.....Y.Kobayashi¹⁸⁾, H.Nakai¹⁸⁾, Z.Ma¹⁸⁾, F.Suzuki</p>	<p>Evaluation of High-Power Endurance of Bend-Insensitive Fibers</p>
<p>A Low-Power Low-Phase-Noise CMOS VCO Using RF SiP Technology</p>	<p>.....K. Takenaga, S. Omori, R. Goto, S.Tanigawa, S. Matsuo, K. Himeno</p>
<p>.....K. Ohashi²⁾, Y. Ito²⁾, H. Ito¹⁹⁾, K. Okada²⁾, K. Masu²⁾, H. Hatakeyama, N. Ozawa, M. Sato, T. Aizawa, T. Ito, R. Yamauchi</p>	<p>Cladding-Pumped Yb-Doped Solid Photonic Bandgap Fiber for ASE Suppression in Shorter Wavelength Region</p>
<p>[International Workshop on RF Integration Technology (RFIT)] December 2007, SINGAPORE</p>	<p>.....R. Goto, K. Takenaga, K. Okada, M. Kashiwagi, T. Kitabayashi, S. Tanigawa, K. Shima, S.Matsuo, K. Himeno</p>
<p>A 5.2GHz CMOS Low Noise Amplifier with High-Q Inductors Embedded in Wafer-Level Chip-Scale Package</p>	<p>High-density and Low-cost 10-Gbps × 12ch Optical Modules for High-end Optical Interconnect Applications</p>
<p>.....S. Fukuda²⁾, H. Ito¹⁹⁾, K. Okada²⁾, K. Masu²⁾, K. Itoi, M. Sato, T. Ito, R. Yamauchi</p>	<p>.....A. Suzuki²⁴⁾, Y. Wakazono²⁴⁾, D. Nagao²⁴⁾, T. Hino²⁴⁾, Y. Hashimoto²⁴⁾, H. Masuda²⁴⁾, S. Suzuki²⁴⁾, M. Tamura²⁴⁾, T. Suzuki²⁴⁾, K. Kikuchi²⁴⁾, Y. Okada²⁴⁾, H. Nakagawa²⁴⁾, M. Aoyagi²⁴⁾, T. Mikawa²⁴⁾, T. Ishikawa</p>
<p>[2008 IEEE Systems Packaging Japan Workshop] January 2008, Japan</p>	<p>[The National Fiber Optic Engineers Conference 2008, JWA116] February 2008, U.S.A.</p>
<p>Micro Channel Cold Plate</p>	<p>Development of a Multiple Row Pre-Angled MT Low Loss Connector</p>
<p>.....K. Mashiko</p>	<p>.....D. Childers²⁵⁾, D. Schoellner²⁵⁾, S. Kato, T. Ohta, T. Tanaka</p>
<p>[Photonics West 2008, USA] January 2008, U.S.A.</p>	<p>[The National Fiber Optic Engineers Conference 2008, JThA107] February 2008, U.S.A.</p>
<p>Fast Response Organic Light-emitting Diode for Visible Optical Communication</p>	<p>Development of Reference MT Ferrule Using Insert-molded Metal Plate</p>
<p>.....Y. Taniguchi¹⁾, T. Fukuda</p>	<p>.....D. Childers²⁵⁾, D. Schoellner²⁵⁾, T. Sabano, A. Nishimura, T. Tanaka</p>
<p>[SPIE Vol.6852 (2008) / BiOS 2008] January 2008, U.S.A.</p>	<p>[11th Electronic Circuits World Convention: ECWC11] March 2008, CHINA</p>
<p>Novel 1.8-μm-band Light Sources Composed of Thulium-Doped Fiber for in Vivo Imaging</p>	<p>The Reliability of All Polyimide Multi Layer Wiring Board: APIC</p>
<p>.....J. Yoshida, T. Segi, K. Kaneda</p>	<p>.....T. Hondo</p>
<p>[Superconductor Science and Technology, 21 (1), p.015020, 2008] January 2008</p>	<p></p>
<p>The Dependence of AC Loss Characteristics on the Space in Stacked YBCO Conductors</p>	<p></p>
<p>.....Z. Jiang¹⁰⁾, N. Amemiya¹⁰⁾, Y. Shiohara⁴⁾, K. Kakimoto, Y. Iijima, T. Saitoh</p>	<p></p>
<p>[NFOEC2008] February 2008, U.S.A.</p>	<p></p>
<p>Field-Installable Fusion Splice Connector</p>	<p></p>
<p>.....Y. Iwashita, T. Tsuchida, N. Kawanishi, S. Tan, S. Takahashi, K. Takizawa</p>	<p></p>

[2008 International Workshop on Antenna Technology, pp.366-369] March 2008, JAPAN

Multiband Compact Dual-arm Monopole Antenna Aimed at Mobile Phone Applications

.....K. Ito²⁶⁾, D. Delaune, N. Guan

[2008 International Workshop on Antenna Technology, pp.526-529] March 2008, JAPAN

A Basic Study on a Flexible Antenna for Wireless LAN of 2.4/5 GHz Application

.....K. Ito²⁶⁾, H. Furuya, N. Guan

[Autumn Meeting of The Japan Society of Applied Physics 2008] March 2008, JAPAN

Measurement of Current Distribution in Multi-filamentary YBCO Coated Conductors by the Transport Hall-probe Microscopy

.....K. Abiru⁷⁾, M. Inoue⁷⁾, Y. Honda⁷⁾, T. Kiss⁷⁾, K. Nakao⁴⁾, T. Izumi⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, K. Kakimoto, T. Saitoh

[Journal of Physics : Conference Series, Vol.97, 2008] March 2008

Long-length GdBCO Coated Conductors with IBAD/PLD Method

.....T. Kato⁸⁾, T. Hirayama⁸⁾, S. Hanyu, T. Miura, Y. Iijima, M. Igarashi, Y. Hanada, H. Fuji, K. Kakimoto, T. Saitoh

[Progress In Electromagnetics Research Symposium, Vol.4, No.1, pp.116-120] March 2008, CHINA

Antennas Made of Transparent Conductive Films

.....K. Ito²⁶⁾, N. Guan, H. Furuya, D. Delaune

[Progress In Electromagnetics Research Symposium, Vol.4, No.1, pp.132-135] March 2008, CHINA

Simple Multiband Antenna for Mobile Phone Application Based on a Dual-arm Monopole Structure

.....K. Ito²⁶⁾, D. Delaune, N. Guan

[Optical Fibre Sensors 2008] April 2008, AUSTRALIA

Biaxial Measurement of Polarization Maintaining Fiber Bragg Grating Using Optical Frequency Domai Reflectometry

.....H. Murayama²⁷⁾, H. Igawa²⁸⁾, K. Omichi, A. Sakamoto, S. Hirafune, T. Sakai

[Society of Automotive Engineering World Congress 2008] April 2008, U.S.A.

Long-range Human Body Sensing Modules with Electric Field Sensor

.....T. Togura, Y. Nakamura, K. Akashi

[Applied Physics Letters, Vol. 92, 191904] May 2008, U.S.A.

One-step Preparation of Ca- α -SiAlON:Eu²⁺ Fine Powder Phosphors for White Light-emitting Diodes

.....T. Suehiro¹⁷⁾, N. Hirosaki³⁾, R-J. Xie³⁾, M. Mitomo³⁾, M. Ibukiyama²⁹⁾, S. Yamada²⁹⁾, K. Sakuma

[The 58th Electronic Components and Technology Conference (ECTC2008)] May 2008, U.S.A

10-Gb/s \times 12-ch Downsized Optical Modules with Electrical Conductive Film Connector

.....A. Suzuki²⁴⁾, Y. Wakazono²⁴⁾, D. Nagao²⁴⁾, T. Hino²⁴⁾, Y. Hashimoto²⁴⁾, H. Masuda²⁴⁾, S. Suzuki²⁴⁾, M. Tamura²⁴⁾, T. Suzuki²⁴⁾, K. Kikuchi²⁴⁾, H. Nakagawa²⁴⁾, M. Aoyagi²⁴⁾, T. Mikawa²⁴⁾, T. Ishikawa

IC Chip Embedded Polyimide Multi-layer Circuit Board

.....O. Nakao

[IEEE International Magnetics Conference 2008] May 2008, SPAIN

Thin Film Magneto-Impedance Sensor Integrated into L-10 FePt Thin Film Bias Magnet

.....K. Tan³⁰⁾, K. Ohmori, K. Itoi, K. Nagasu, Y. Uemichi, T. Aizawa, R. Yamauchi

[Conference on Lasers and Electro-Optics 2008] May 2008, U.S.A.

Electrically Controlled Silicon Photonic Crystal-based Chromatic Dispersion Compensator with Ultra Low Power Consumption

.....C. E. Png³¹⁾, G. H. Park³¹⁾, S. T. Lim³¹⁾, E. P. Li³¹⁾, A. J. Danner³²⁾, M. B. Yu³³⁾, K. Ogawa, Y. T. Tan

[Cryogenic Society of Japan Conference 2008 Spring Meeting] May 2008, JAPAN

Development of Laser Scribing Process for Long YBCO Coated Conductors

.....Y. Sutoh⁴⁾, T. Nakanishi⁴⁾, M. Miura⁴⁾, M. Yoshizumi⁴⁾, T. Izumi⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Design and Experimental Results of Three-Phase Superconducting Fault Current Limiter (1)

Overview of the System

.....T. Yazawa¹⁴⁾, M. Takahashi¹⁴⁾, K. Koyanagi¹⁴⁾, M. Ono¹⁴⁾, K. Toba¹⁴⁾, H. Takigami¹⁴⁾, M. Urata¹⁴⁾, N. Amemiya¹⁰⁾, Y. Shiohara⁴⁾, Y. Ishibashi³⁴⁾, T. Ito³⁴⁾, T. Saitoh

Design and Experimental Results of Three-Phase Super-

conducting Fault Current Limiter (2)	
Superconducting Coils Wound with REBa ₂ Cu ₃ O _y Coated Conductor	
.....K. Koyanagi ¹⁴⁾ , T. Yazawa ¹⁴⁾ , M. Takahashi ¹⁴⁾ , M. Ono ¹⁴⁾ , M. Sakai ¹⁴⁾ , H. Takigami ¹⁴⁾ , M. Urata ¹⁴⁾ , N. Amemiya ¹⁰⁾ , Y. Shiohara ⁴⁾ , Y. Iijima, T. Saitoh	
Development of Long GdBCO Coated Conductors with High Performance by IBAD/PLD Technique	
.....M. Igarashi, H. Fuji, K. Kakimoto, S. Hanyu, T. Miura, Y. Hanada, T. Hayashida, Y. Iijima, T. Saitoh	
Fatigue Properties of YBCO Coated Conductors	
.....Y. Kawai ¹³⁾ , Y. Tanaka ¹³⁾ , H. Ueda ¹³⁾ , A. Ishiyama ¹³⁾ , N. Kashima ⁹⁾ , S. Nagaya ⁹⁾ , Y. Yamada ⁴⁾ , Y. Shiohara ⁴⁾ , Y. Iijima, T. Saitoh	
Temperature Scaling of AC Loss in REBCO Superconducting Tapes with Artificial Pinning Centers	
.....H. Yanagita ⁷⁾ , T. Sueyoshi ⁷⁾ , M. Iwakuma ⁷⁾ , K. Funaki ⁷⁾ , T. Izumi ⁴⁾ , Y. Yamada ⁴⁾ , Y. Shiohara ⁴⁾ , T. Saitoh, Y. Iijima	
Development of Scanning Hall-probe Microscope for the Analysis of Current Transport in HTS Tapes	
.....K. Abiru ⁷⁾ , Y. Honda ⁷⁾ , M. Inoue ⁷⁾ , T. Kiss ⁷⁾ , J. Kato ⁴⁾ , N. Chikumoto ⁴⁾ , K. Nakao ⁴⁾ , Y. Shiohara ⁴⁾ , Y. Iijima, K. Kakimoto, T. Saitoh	
Development of Y System Coated Conductors for Electric Equipments	
.....K. Kakimoto, Y. Hanada, T. Miura, T. Hayashida, M. Igarashi, S. Hanyu, H. Fuji, Y. Iijima, T. Saitoh	
Experiments on Degradation of YBCO Tapes Due to Over-current Pulse Drive	
.....S. Saitoh ¹³⁾ , H. Kono ¹³⁾ , X. Wang ¹³⁾ , H. Ueda ¹³⁾ , A. Ishiyama ¹³⁾ , N. Kashima ⁹⁾ , S. Nagaya ⁹⁾ , M. Yagi ¹¹⁾ , S. Mukoyama ¹¹⁾ , Y. Shiohara ⁴⁾ , Y. Iijima, T. Saitoh	
Long-length IBAD-buffer Layers for 500m-coated Conductors and the Approach for High-speed Processing by the Large-scale IBAD System	
.....S. Hanyu, T. Hayashida, Y. Iijima, Y. Hanada, M. Igarashi, H. Fuji, K. Kakimoto, T. Saitoh	
Design and Experimental Results of Three-Phase Superconducting Fault Current Limiter(3) Experimental Results	

.....M. Takahashi¹⁴⁾, T. Yazawa¹⁴⁾, K. Koyanagi¹⁴⁾,
M. Ono¹⁴⁾, M. Sakai¹⁴⁾, H. Takigami¹⁴⁾,
M. Urata¹⁴⁾, N. Amemiya¹⁰⁾, Y. Shiohara⁴⁾,
Y. Ishibashi³⁴⁾, T. Ito³⁴⁾, T. Saitoh

[13th US-Japan Conference on Composite Materials in JAPAN] June 2008, JAPAN

Distributed Strain Monitoring of Composite WING Structure by FBG Sensors

.....H. Murayama²⁷⁾, H. Igawa²⁸⁾, I. Yamaguchi²⁸⁾,
Y. Hirano²⁸⁾, Y. Aoki²⁸⁾, K. Kageyama²⁷⁾,
K. Uzawa²⁷⁾, G. Akiyama²⁷⁾, K. Ohara²⁷⁾,
K. Nunotani³⁵⁾, M. Azemoto³⁵⁾, K. Omichi

[International Conference on Electronics Packaging (ICEP2008)] June 2008, JAPAN

Through-hole Interconnection Formed by Femtosecond Laser Irradiation/Wet Etching and Molten Metal Suction Method for MEMS Package

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

[IEE Workshop on SC Power Application] June 2008, JAPAN

Development of Long Length Y-123 Coated Conductor

.....H. Fuji, C. Tashita, T. Hayashida,
M. Igarashi, Y. Hanada, S. Hanyu,
H. Kutami, K. Kakimoto, Y. Iijima,
T. Saitoh

[Radio Frequency Integrated Circuits Symposium 2008] June 2008, U.S.A.

A Low Phase Noise LC-VCO with a High-Q Inductor Fabricated by Wafer Level Package Technology

.....K. Ohashi²⁾, Y. Kobayashi²⁾, H. Ito¹⁹⁾, K. Okada²⁾,
K. Masu²⁾, H. Hatakeyama, T. Aizawa, T. Ito,
R. Yamauchi

[17th International Conference on Photochemical Conversion and Storage of Solar Energy (IPS-17)] July 2008, AUSTRALIA

Thermal Durability of Dye-sensitized Solar Cells and Submodules

.....H. Matsui, K. Okada, T. Kitamura

[IEICE Transactions on Electronics, Vol.E91-C, No.7, pp. 1129-1135] July 2008, JAPAN

Dispersion and Splice Characteristics of Bend-insensitive Fibers with Trench-index Profile Compliant with G.652

.....H. Tsuchiya³⁶⁾, S. Matsuo, T. Nunome, K. Himeno

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Wire Antenna for Mobile Phone Applications

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White Light-emitting Diodes (LEDs) Using (oxy)nitride Phosphors
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.....Y. Iijima

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Development of the Low Cost YBCO Coated Conductor by TFA-MOD Process Using a Batch-type Furnace
.....T. Koizumi¹⁵⁾, S. Sano¹⁵⁾, Y. Hikichi¹⁵⁾, Y. Takahashi¹⁵⁾, A. Kaneko¹⁵⁾, Y. Aoki¹⁵⁾, T. Hasegawa¹⁵⁾, T. Nakanishi⁴⁾, T. Izumi⁴⁾, S. Miyata⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Production and Test of a 7.5kW REBCO Superconducting Synchronous Motor

.....M. Iwakuma⁷⁾, Y. Hase³⁷⁾, T. Satou³⁷⁾, A. Tomioka³⁸⁾, Y. Yamada⁴⁾, T. Izumi⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Observation of Current Distribution in High-Tc Superconducting Tape by Using Scanning Hall-probe Microscope

.....M. Inoue⁷⁾, K. Abiru⁷⁾, Y. Honda⁷⁾, T. Kiss⁷⁾, K. Nakao⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, K. Kakimoto, T. Saitoh

Superconducting Coils Wound with Stacked YBCO Coated Conductors for 6.6 kV Fault Current Limiter

.....K. Koyanagi¹⁴⁾, T. Yazawa¹⁴⁾, M. Takahashi¹⁴⁾, M. Ono¹⁴⁾, M. Urata¹⁴⁾, N. Amemiya¹⁰⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

Progress in Scale-up of RE-123 Conductors with Ic of 300A/cm by IBAD/PLD Process

.....T. Kato⁸⁾, T. Hirayama⁸⁾, S. Hanyu, Y. Iijima, K. Kakimoto, H. Fuji, M. Igarashi, Y. Hanada, T. Miura, T. Hayashida,

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Fatigue Tests of YBCO Coated Conductors

.....Y. Tanaka¹³⁾, S. Bamba¹³⁾, H. Ueda¹³⁾, A. Ishiyama¹³⁾, N. Kashima⁹⁾, T. Watanabe⁹⁾, S. Nagaya⁹⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, T. Saitoh, Y. Iijima

Design and Experimental Results of Three-Phase Superconducting Fault Current Limiter Using High-resistive YBCO Tapes

.....T. Yazawa¹⁴⁾, K. Koyanagi¹⁴⁾, M. Takahashi¹⁴⁾, M. Ono¹⁴⁾, M. Sakai¹⁴⁾, K. Toba¹⁴⁾, H. Takigami¹⁴⁾, M. Urata¹⁴⁾, N. Amemiya¹⁰⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh

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Fiber Fuse Phenomenon in Hole-Assisted Fibers

.....H. Tsuchiya³⁶⁾, K. Takenaga, S. Tanigawa, S. Matsuo, M. Fujimaki

Low Splice Loss Solid Photonic Bandgap Fibre and its Temperature Dependence of Filtering Wavelength

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.....A. Yoshikawa,⁶⁾ Y. Kaifuchi, K. Omichi1, S. Hirafune

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.....R. Yamauchi, K. Himeno

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A 2-GHz-band CMOS Low Noise Amplifier with High-Q Inductors Embedded in Wafer-Level Package

.....S. Sadoshima²⁾, S. Fukuda²⁾, H. Ito¹⁹⁾, K. Okada²⁾, K. Masu²⁾, H. Hatakeyama, N. Ozawa, M. Sato, T. Aizawa, T. Ito, R. Yamauchi

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Long Gd-123 Coated Conductor by PLD Method
.....H. Fuji, M. Igarashi, Y. Hanada, T. Miura,

<p>S. Hanyu, K. Kakimoto, Y. Iijima, T. Saitoh</p> <p>[Physica C: Superconductivity and its Applications, 468 (15), p.1591-1593 2008] September 2008</p> <p>GZO/MgO IBAD-buffer Layers for Coated Conductors T. Kato⁸⁾, T. Hirayama⁸⁾, S. Hanyu, T. Miura, Y. Iijima, M. Igarashi, Y. Hanada, H. Fuji, K. Kakimoto, T. Saitoh</p> <p>[Physica C: Superconductivity and its Applications, 468 (15), p.1594-1596, 2008] September 2008</p> <p>Formation of CeO₂ Buffer Layer Using Multi-plume PLD Y. Sutoh⁴⁾, K. Nakaoka⁴⁾, M. Miura⁴⁾, J. Matsuda⁴⁾, T. Nakanishi⁴⁾, A. Nakai⁴⁾, M. Yoshizumi⁴⁾, T. Izumi⁴⁾, S. Miyata⁴⁾, Y. Yamada⁴⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saitoh</p> <p>[Physica C: Superconductivity and its Applications, 468 (15), p.2046-2049, 2008] September 2008</p> <p>Superconducting Fault Current Limiter Using High-resistive YBCO Tapes T. Yazawa¹⁴⁾, K. Koyanagi¹⁴⁾, M. Takahashi¹⁴⁾, M. Ono¹⁴⁾, K. Toba¹⁴⁾, H. Takigami¹⁴⁾,</p>	<p>M. Urata¹⁴⁾, N. Amemiya¹⁰⁾, Y. Shiohara⁴⁾, Y. Iijima, T. Saito</p> <p>[The Second International Forum on Heat Transfer (IFHT2008)] September 2008, JAPAN</p> <p>Advanced Vapor Chamber for Thermal Management of High Performance Graphic Cards M. S. AHAMED, M. Mochizuki, Y. Saitoh, T. Nguyen, T. Ngyen, Y. Horiuchi</p> <p>Advanced 2-Phase Vapor Chamber for Cooling High Power Processors G. Cabusao, M. Mochizuki, K. Mashiko, Y. Saito, F. Kiyooka, T. Nguyen, V. Wuttijumnong³⁹⁾</p> <p>Piezo Fan for Thermal Management of Electronics K. H. Tseng, M. Mochizuki, K. Mashiko, T. Nguyen, F. Kiyooka, T. Kosakabe</p> <p>Active Fan Heat Sink Development for Desktop PC P. Boonsin⁴⁰⁾, M. Mochizuki, K. Mashiko, Y. Saitoh, T. Nguyen, V. Wuttijumnong³⁹⁾, T. Nguyen, P. Visuthimark⁴⁰⁾</p>
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- 35) Lazoc Inc.
- 36) Utsunomiya University
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- 38) Fuji Electric Systems Co., Ltd.
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