

★機構デバイス研究会 (EMD)

専門委員長 関川純哉 副委員長 阿部宜輝
幹事 澤田 滋・鈴木健司 幹事補佐 和田真一

日時 11月5日(木) 14:00~17:15
6日(金) 9:30~13:10

会場 東北大学工学部青葉記念会館(仙台市青葉区荒巻字青葉6-6-04。工学部經由動物公園循環行きに乗車、「工学部中央」で下車、徒歩1分(便数は少ない)。または、宮教大、青葉台、成田山行き(10月から理学部経由に変更)に乗車、「情報科学研究科前」で下車、徒歩8分。<http://www.eng.tohoku.ac.jp/map/?menu=campus&area=c&build=03> TEL [022] 795-6091 曾根秀昭)

議題 国際セッション IS-EMD2015

5日

1. Various Characteristics of an Electromagnetic Contactor with Make Arc—Influence of Closed Current—
○Shu Shimotsuma・Kiyoshi Yoshida・Koichiro Sawa (NIT)・Kenji Suzuki・Koetsu Takaya (Fuji FA Comp. & systems)
2. Electrical Sliding Contact of Au Coated Slip Ring and Ag Graphite Brush at Low Temperatures
○Naoki Fukuda・Koichiro Sawa・Takahiro Ueno (NIT)
3. Effect of Lubricant Oil on Sliding Contacts of Au Coating Slip Ring for Current Power Supply and on Long-Time Sliding Test
○Yutaka Takemasa・Koichiro Sawa・Takahiro Ueno (NIT)
4. Degradation Phenomenon of Electrical Contacts by using a Micro-Sliding Mechanism—The comparison with input waveforms concerning of minimal sliding amplitudes under some conditions—
○Shin-ichi Wada・Keiji Koshida (TMC)・Koichiro Sawa (NIT)
5. An Evaluating Method for Fundamental Dynamical Parameters of Objects on a Printed Circuit Board by a Hammering Oscillation Mechanism—Natural Frequency—
○Shin-ichi Wada・Keiji Koshida (TMC)・Koichiro Sawa (NIT)
6. Behavior of Terminal Resistance and Deterioration Prediction of Terminal Resistance with Connectors Used in Long Driven Vehicles
○Shigeru Sawada・Atsushi Shimizu・Yasushi Saitoh (ANtech)
7. Effect of Contact Lubricant on Contact Resistance Characteristics—Contact Resistance of Lubricated Surface and Observation of Lubricant Molecules—
○Terutaka Tamai (Elcontech)・Masahiro Yamakawa・Yuta Nakamura (TETRA)

6日

1. Influence of the contact material vapor mixing ratio on Thermodynamic and Transport Properties of Arc Plasma Occurring between Ag contacts
○Akifumi Ikegami・Junya Sekikawa (Shizuoka Univ.)
2. Arc Duration and Rotational Frequency of Break Arcs Driven by Radial Magnet Field in a 48VDC Resistive Circuit
○Jun Matsuoka・Junya Sekikawa (Shizuoka Univ.)
3. Restriction on Moving of Break Arcs Magnetically Blown-out by Two Kinds of Walls
○Keisuke Kato・Junya Sekikawa (Shizuoka Univ.)
4. Break arcs magnetically blown-out occurring between electrical contacts with copper runners
○Haruki Miyagawa・Junya Sekikawa (Shizuoka Univ.)
5. Magnetic Pulse Spot Welding of Flexible Printed Circuits
Tomokatsu Aizawa (Tokyo Metropolitan College)・Yoshitaka Sugiyama (Yazaki)・○Mehrdad Kashani (Tokyo Metropolitan College)・Kenichi Hanazaki (Yazaki)
6. Interconnection Study for Step Index Multimode Fiber Using f-theta Imaging of Encircled Angular Flux Measurement Method
○Shigeru Kobayashi (TE)・Okihito Sugihara (Utsunomiya Univ.)・Mitsuhiro Hijiriyama・Ryo Nagase (Chiba Inst. of Tech.)
7. Study on loss variation measurement of branched fibers
○Takaaki Endo・Ryo Nagase (Chiba Inst. of Tech.)
8. Study on Estimation of Inductance at Surface Structure in Contact Surfaces of Coaxial Connector
○Tomoya Sato (Tohoku Univ.)・Yu-ichi Hayashi (Tohoku Gakuin Univ.)・Takaaki Mizuki・Hideaki Sone (Tohoku Univ.)

◆継電器・コンタクトテクノロジー研究会共催

☆EMD研究会今後の予定 [] 内発表申込締切日

12月18日(金) 機械振興会館〔締切済〕テーマ：一般

1月22日(金) ゆとりうむ日立(日立労組労働会館) [11月12日(木)] テーマ: 一般
【発表申込先】 下記研究会発表申込システムからお申込み下さい.

<http://www.ieice.org/jpn/ken/kenmoushikomi.html>

【問合先】

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