

★機構デバイス研究会 (EMD)

専門委員長 阿部宜輝

幹事 澤田 滋・鈴木健司 幹事補佐 萱野良樹・林 優一

日時 11月3日(木) 13:00~16:40

4日(金) 9:30~12:45

会場 淡路夢舞台国際会議場(淡路市夢舞台1. <http://www.yumebutai.org/access/access.html> TEL [0799] 74-1020 林 優一)

議題 国際セッション IS-EMD2016

3日

1. Effect of lubricant oil for Sliding Contact phenomena on Carbon Brush-Slip ring system
○Yuki Amada・Takahiro Ueno・Kohichiro Sawa (NIT)
2. Current dependency of Molybdenum disulfide under Electrical Sliding Contacts
○Tomoharu Ootsuka・Yoshitada Watanabe・Koichiro Sawa・Takahiro Ueno (NIT)
3. Degradation Phenomenon of Electrical Contacts by using a Micro-Sliding Mechanism—The comparison with input waveforms concerning of minimal sliding amplitudes under some conditions 2—
○Shin-ichi Wada・Keiji Koshida (TMC)・Koichiro Sawa (NIT)
4. Plastic Deformation after Contact for Ag Contacts ○Takuma Endo・Junya Sekikawa (Shizuoka Univ.)
5. Equivalent Circuit Analysis of F-SIR Type Transmission Line for Negative Group Time Delay and Slope Characteristics
○Yoshiki Kayano (UEC)・Hiroshi Inoue (The Open Univ.)
6. Dependence of Arc Duration of Break Arcs Occurring in DC High Voltage Circuit on Contact Material by Blow-out Magnet ○Akinori Ishihara・Junya Sekikawa (Shizuoka Univ.)
7. Experimental equipment for break arcs generated in a 48 VDC/300 A resistive circuit with a small power supply and capacitors ○Ryuichi Takano・Akinori Ishihara・Junya Sekikawa (Shizuoka Univ.)
8. Effect of hardness on wear and abrasion resistance of Silver plating on copper alloy
○Shigeru Sawada (AN-Tech)・Song-zhu Kure-chu・Rie Nakagawa・Toru Ogasawara・Hitoshi Yashiro (Iwate Uni.)・Yasushi Saitoh (AN-Tech)

4日

1. A circuit device of 400 V/30 A for suppressing electrical surge and arc ignition
○Hiroaki Tamura・Shigeaki Shingyochi (COPAL ELECTRONICS)・Hironari Syoji・Kentaro Ohashi (Nippon Chemi-Con)・Noboru Wakatsuki (Ishinomaki Senshu Univ.)
2. Dynamic Characteristics of Ag Graphite Brush at Various Atmospheric Temperatures
○Naoki Fukuda・Koichiro Sawa・Takahiro Ueno・Yuta Abo・Hiromi Inada (NIT)
3. Commutation Phenomena and Brush Wear of DC Motor at High Speed Rotation
○Masayuki Isato・Koichiro Sawa・Takahiro Ueno (NIT)
4. The Number of Reignitions of Magnetic Blow-out of Break Arcs Occurring between Silver Electrical Contacts with Copper Runners ○Haruki Miyagawa・Junya Sekikawa (Shizuoka Univ.)
5. Restriction on Moving by Iron, Copper and Aluminum Plate End Faces of Break Arcs Occurring being Magnetically Blown-out between Silver Electrical Contacts ○Yu Ota・Junya Sekikawa (Shizuoka Univ.)
6. Calculation of Thermodynamic and Transport Properties of Arc Plasma occurring between Ag and C contacts
○Akifumi Ikegami・Junya Sekikawa (Shizuoka Univ.)
7. Analysis of Rotational Motion of Break Arc Rotated by Radial Magnetic Field in a 48 VDC Resistive Circuit
○Jun Matsuoka・Junya Sekikawa (Shizuoka Univ.)

◆継電器・コンタクトテクノロジー研究会共催

◎3日のセッション終了後(17:30~)に懇親会を行いますので、御参加下さい。

会場：レストラン「コックローレ」(<https://goo.gl/oo9H5V>)

【問合先】

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