

ICPE2022 Best Paper Award

- C067 Reduction of Drilling Force on Reverse Finishing of Aluminum Alloys
Yuzuha Ochi, Masatoshi Usui, Hiroyuki Sasahara
- C082 Nanoscale temperature mapping of operating CVD graphene device by passive near-field optical microscopy
Kuan-Ting Lin, Masaki Shinomiya, Ryoko Sakuma, Yusuke Kajihara
- C095 The passive analysis of the thermally excited evanescent waves on SiC and GaN
Ryoko Sakuma, Kuan-Ting Lin, Fuminobu Kimura, Yusuke Kajihara
- C098 Mid-infrared (LWIR) passive spectroscopic imaging with an uncooled microbolometer array sensor for non-invasive blood glucose sensors“
Ichiro Ishimaru, Tomoya Kitazaki, Yusuke Morimoto, So Yamashita, Shiori Tahara, Daichi Anabuki, Kenji Wada, Akira Nishiyama
- C151 Toward building a circular economy of second-life lithium-ion batteries for electric vehicles – A case study of Japan –
Yusuke Kishita, Fuwei Tao, Christian Scheller, Steffen Blömeke, Yasushi Umeda, Christoph Herrmann, Thomas Spengler
- C186 Image Processing Aspect of Transverse Shift Measurement in the Spin Hall Effect of Light (SHEL) Ellipsometry
Naila Zahra, Yasuhiro Mizutani, Tsutomu Uenohara, Yasuhiro Takaya
- C202 High-Speed High-Accuracy Thermal Displacement Measurement of Machine Tools Using Optical Frequency Comb Ranging
Shun Tanaka, Toru Kizaki, Akihiro Arimoto, Naoki Hashimoto, Syuta Irako, Yuta Teshimam, Kazunori Iijima, Tomofumi Uwano, Naohiko Sugita
- C214 Electrochemical mechanical polishing using solid polymer electrolyte
Junji Murata, Kenshin Hayama, Atsuki Tsuji