

Dear Participants on CME2020

We are very grateful for your cooperation to hold CME2020 despite of the current difficult situation of COVID-19 pandemic. All of submitted presentation papers should be praised and are worthwhile for the best paper award of CME2020 considering originality, high quality and usefulness. Those research projects will intimately contribute to development of society in each research field of medical engineering. However, the award committee of CME2020 have to select the best papers as an obligation. On the behalf of the award committee of CME2020, we herein announce winners of the best paper award, the best student paper award and the best nursing paper award.

Conference Best Paper Award Criteria

CME 2020 conference has the following three categories of conference awards:

- Best paper award
- Best Student Paper Award
- Best nursing paper award

Originality 40%; Technical Strength 40%; Presentation 20%

The winner of the Best Paper Award will receive a certificate.

The Award Committee of CME 2020

Winners of the best paper award

- Teruyoshi Sasayama,
[Improvement of sensitivity of magnetic nanoparticle imaging using pickup coil array for human-sized imaging](#)
Department of Electrical Engineering, Faculty of Information Science and Electrical Engineering, Kyushu University
- Shinji Nakamura
[New strategy of the neuroprotection for neonatal hypoxic ischemic encephalopathy using hydrogen gas ventilation](#)
Department of Pediatrics, Faculty of Medicine, Kagawa University
- Yasuyuki Kimura
[PET Imaging in Drug Development for Neurodegenerative Diseases](#)
Department of Clinical and Experimental Neuroimaging, Center for Development of Advanced Medicine for Dementia National Center for Geriatrics and Gerontology

Winners of the best student paper award

- Huazhi Li
[The influence of visual and haptic bottom-up information on haptic exploration](#)
Graduate School of Natural Science and Technology; Okayama University,
- Peng Shi
[A novel endovascular interventional robotic system with haptic force interface](#)
Department of Intelligent Mechanical Systems Engineering, Faculty of Engineering and Design, Kagawa University
- Keisuke Yunoki
[The effects of transcranial static magnetic field stimulation on the accuracy of tachystoscopically presented line bisection](#)
Department of Sensorimotor Neuroscience, Graduate School of Biomedical and Health Sciences, Hiroshima University

Winner of the best nursing paper award

- Aya Kuramoto
[A Study of the Guidance of Psychiatric Nursing Practice from the SOC score of the third-year Undergraduate Nursing Students](#)
Psychiatric and Mental Health Nursing, School of Nursing, Faculty of Medicine, Kagawa University
- Riki Hashimoto
[Effect of using CG characters in role-playing on dementia-care education](#)
Sustainable System Sciences, Graduate School of Humanities and Sustainable System Sciences, Osaka Prefecture University