INVITED SESSION SUMMARY

Title of Session:

Smart Education: Learning environment using technology

Name, Title and Affiliation of Chair:
Chair: Nobuyuki Ogawa, Professor, National Institute of Technology, Gifu College
Co-chair: Hideyuki Kanematsu, Professor, National Institute of Technology, Suzuka College
Co-chair: Kuniaki Yajima, Professor, National Institute of Technology, Sendai College
Co-chair: Dana Barry, Professor, Clarkson University
Co-chair: Katsuko T. Nakahira, Associate Professor, Nagaoka University of Technology
Co-chair: Kazunori Nishino, Professor, Taisei Gakuin University

Details of Session (including aim and scope):

At present, universal education has been extended to higher education, and various educational systems are helpful for our lifelong learning. With this trend, a teacher-centered class should be changed to a student-centered class. In other words, they should learn positively at all levels of education. To achieve such a purpose, smart education centering on e-learning and active learning using ICT will play a more critical role than ever.

In this session, we will cover topics on the learning environment using technology. We welcome presentations on teaching methods, educational system, PBL practice, educational evaluation, etc., if it relates to smart education that evokes student activities.

The following topics will be welcomed:

[TOPICS] Smart Education, ICT-driven Education, Distance Learning, Collaborative Learning; Practical Examples for Smart Education, Academic Portfolio, Learning Management Systems, Curriculum Development, Simulations, and Modelling, Virtual Learning Environments

Additionally, in this session, we welcome topics on general smart technology that will be applied in various fields, including education. We additionally cover the following topics:

[TOPICS] Wearable sensor technology, Avatar robot technology, Metaverse technology, Remote control technology, Biometric measurement technology, Cyberspace and physical space connection technology, XR (VR, AR, MR) technology, General sensing technology, General robot technology, etc.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):
e-Help in Japan

Website URL of Call for Papers (if any):
http://oberon.nagaokaut.ac.jp/kes/2024/index.htm

Email & Contact Details:

Nobuyuki Ogawa,
Email: ogawa@gifu-nct.ac.jp
Address: NIT, Gifu College
2236-2 Kamimakuwa, Motosu-city, Gifu 501-0495, Japan
Voice/FAX: +81-58-320-1323/+81-58-320-1429
Hideyuki Kanematsu
Email: kanemats@suzuka.kosen-ac.jp
Address: NIT, Suzuka College
Shiroko-cho, Suzuka, Mie 510-0294, Japan
Voice/FAX: +81-59-368-1848/+81-59-368-1852