☆Prototype Demo Session

1. Adaptive MR Smart Classroom for Children with Developmental Disorders: Using Biosignal Monitoring and Haptic Feedback
   Naveen Kareria[1], Krishna Mohan Kotra[2], Branesh M. Pillai[1]
   [1]Asian Institute of Technology, Pathumthani, Thailand
   [2]Robotics Pvt Ltd, Chennai, India

2. A Wire-Reduced Mechanism for Distal Rolling and Grasping Using Torque Coils in Continuum Manipulators
   Sungwoo Choi[1], Seonggwang Heo[1], Kiheon Lee[1], Yewon Kim[1], Myeongbo Park[1], Hyojae Park[1], Minho Hwang[1]
   [1]DGIST, Daegu, South Korea

3. Thin and Long Flexible Manipulators for Endoscopic Submucosal Dissection
   Ryu Nakadate[1]
   [1]Kobe University, Kobe, Japan

4. RONAVIS: A Robotic and Navigation System for Efficient, Accurate, and Safe Long Bone Fracture Management
   Hyunhee Bang[1], Sanghyun Joung[1], Jung Ho Cho[1], Kwangdeok Seo[1], Changwug Oh[2], Ilhyung Park[1]
   [1]AIRS Inc. Daegu, South Korea
   [2]Kyungpook National University, Daegu, South Korea

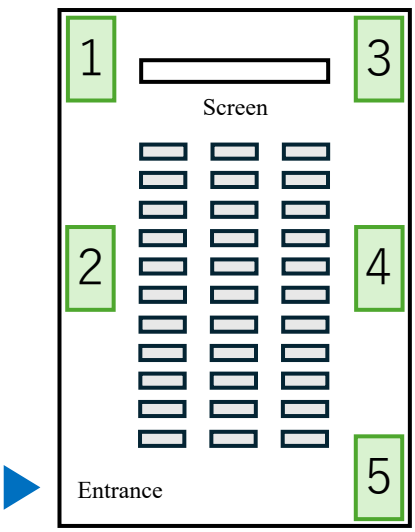
5. SMOVE: A Hand Rehabilitation Robot
   Kotaro Yoshikai[1], Nobutaka Mukae[2], D.S.V. Bandara[1], Jumpei Arata[1]
   [1]Kyushu University, Fukuoka, Japan
   [2]Kyushu University Hospital, Fukuoka, Japan

☆Instructions for Demonstration

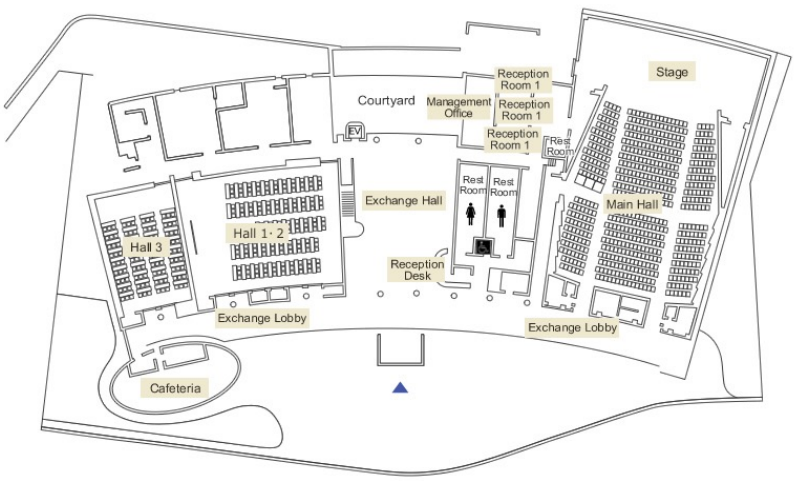
◯Schedule
08:30～12:00 Equipment preparation
12:25～12:35 Lunch preparation
12:35～12:50 3-minute PowerPoint presentation
12:50～13:00 Demonstration preparation
13:00～13:45 Prototype demonstration time
13:45～14:00 Finishing

Each presenter will give a 3-minute PowerPoint presentation to present their prototype to outline the key contents on the Hall 1, 2. Please bring your laptop for presentation. After that, a 45-minute prototype demonstration starts. All prototype demonstrations are eligible for the best demonstration award. The judging panel will evaluate based on their Application・Innovation・Design, and make a decision at the conference.

Notes: Extension cords, tables and chairs can be provided, but there is a power limit of 100V, 20A. If you need a converter, please prepare it yourself.



Hall 1, 2



Overview

Map