



We are having an online workshop on the following date.

When: 26th October 2020 (09:00AM Munich, 17:00 PM Tokyo)

Topic: AI, VR, AR and Human-Machine Interface
- and more to be expected.

Registration: Required

Cost: Free of charge

Click here to register,

https://us02web.zoom.us/webinar/register/WN_XAC8Swl6SNe_cEdKkSxWg

After registering, you will receive a confirmation email containing information about joining the webinar.

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Online Workshop 1026

Date: Monday, 26th October 2020

Time: 09:00-11:00 (Central European Wintertime), 17:00-19:00 (Japan Standard Time)

<Workshop Program>

Lecturer:

Mr. Michael Hechtel

Institute for Factory Automation and Production Systems, Friedrich-Alexander-Universität
Erlangen-Nürnberg

Lecture:

MEJOIN Project Overview + AI Market Research Report

Lecture summary:

A holistic overview of the research project Mechatronic Joint Initiative of the campaign "The Future of Work" is given. In addition, the previous results of market research from the project are presented. Among other things, the different types and potentials of different artificial intelligences will be discussed. These results serve the participating companies as a basis for an expansion into the partner country and an extension of the previous AI activities.

Hour: 30min.



Lecturer:

Professor Dr. Keiichi Watanuki

Director, Advanced Institute of Innovative Technology, Saitama University

Lecture 1:

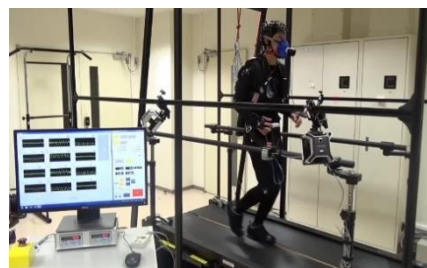
Advanced Human-Machine Interface System Using AI and IoT Technologies: Case Study of Industry-Academia-Government Collaboration Activities

Lecture summary:

In this lecture, we discuss technologies such as Internet of Things (IoT), Artificial Intelligence (AI), Virtual Reality/Augmented Reality (VR/AR), noninvasive biometric information measurement technology, Robotics, and Human-Machine Interface/Brain-Machine Interface

(HMI/BMI) for a human-friendly system design for telemedicine and healthcare support. We also introduce the development of advanced healthcare products using these technologies. The IoT/AI/VR/HMI-based intelligent healthcare monitoring system provides technological support for experiencing various realities to enhance the improvement of QOL (Quality-of-Life).

Hour: 30min.



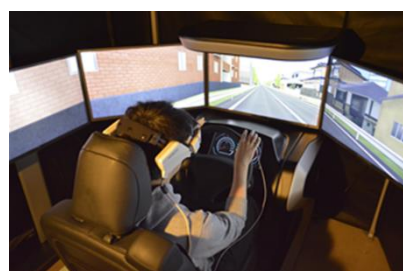
Lecture2:

Virtual Laboratory Tour of Advanced Institute of Innovative Technology, Saitama University

Lecture summary

As an interface of the Industry-University-Government-Finance Collaboration in the local area, Advanced Institute of Innovative Technology, Saitama University was established in April 2016. This workshop facility provides human network beyond the sectoral barrier among different business fields and enhances a better connection between industry-university-government. Also, the advanced industry incubation facility is the place to systematically implement research and development (R&D), trial manufacture, productization, commercialization, to nurture human resources for the local industries, and to contribute for the development of local societies by creating new industries and standardization. We introduce our R&D activities for AI/IoT/VR/HMI-based advanced healthcare and manufacturing systems based on a crossover open innovation.

Hour: 30min.



Lecturer:

Mr. Hajime Takatsuka

JETRO Munich

Lecture:

About JETRO Munich

Hour: 5min.