

Program

【Keynote Lecture】

Thursday, 1 June

Keynote Lecture (1) 16:30–17:30 Room B (39–601)

Human Factors Research in Automated Driving

Speaker: Mr. Terumasa Endo (Toyota Motor Corporation)

Chair: Prof. Kentaro Kotani (ACED Conference Chair, Kansai Univ.)

Friday, 2 June

ACED Special Session 9:30–12:00 Room B (39–601)

– New trend of ergonomics and design towards cd society –

Keynote Lecture (2)

Advanced Topic on Ergonomics - Service Design

Speaker: Dr. Masaaki Mochimaru (AIST)

Chair: Dr. Daiji Kobayashi (Chitose Institute of Science and Technology)

Panel Discussion

Moderator: Dr. Masaaki Mochimaru (AIST)

Panelists: Dr. Yan Luximon (The Hong Kong Polytechnic Univ.)

Prof. Toshiki Yamaoka (Kyoto Women's Univ.)

Prof. Yoshiki Shimomura (Tokyo Metropolitan Univ.)

Keynote Lecture (3) 13:00–13:45 Room B (39–601)

Biomechanical factors associated with pushing and pulling

Speaker: Prof. Andrew Todd

(IEA International Development Committee Chair, South Africa)

Chair: Dr. Yushi Fujita (Pres. of IEA)

Keynote Lecture (4) 13:45–14:30 Room B (39–601)

Speaker: Prof. Jose Orlando Gomes (Vice President of IEA, Brazil)

Chair: Dr. Yushi Fujita (President of IEA)

Keynote Lecture(5) 14:30-15:15 Room B (39-601)

Toward a development of HFE discipline in Asian region

Speaker: Prof. Kentaro Kotani (ACED Conference Chair, Kansai Univ.)

Chair: Dr. Yushi Fujita (President of IEA)

Saturday, 3 June

Keynote Lecture(6) 13:00-13:45 Room A (37-101)

Ergonomics in International Space Station: It's an almost life on the earth?

Speaker: Mr. Tetsuya Sakashita (JAXA)

Chair: Prof. Takashi Toriizuka (JES Conference Chair, Nihon Univ.)

Keynote Lecture(7) 13:45-14:20 Room A (37-101)

Ergonomics in Advanced Imaging Technologies

Speaker: Prof. Takashi Kawai (Waseda Univ.)

Chair: Prof. Takashi Toriizuka (JES Conference Chair, Nihon Univ.)

Sunday, 4 June

Keynote Lecture(8) 13:00-13:40 Room A (37-101)

Ergonomics in India - Growth, Development and Issue

Speaker: Dr. Anindya Kumar Ganguli (President of ISE, India)

Chair: Prof. Kentaro Kotani (ACED Conference Chair, Kansai Univ.)

Keynote Lecture(9) 13:40-14:20 Room A (37-101)

Ergonomic issues in occupational health in Vietnam

Speaker: Dr. Nguyen Bich Diep
(Senior Expert, WHO Collaborating Center, Vietnam)

Chair: Prof. Kentaro Kotani (ACED Conference Chair, Kansai Univ.)

【ACED Organized Session】

Thursday, 1 June

Introduction of IEA 13:00-13:30 Room B (39-601)

Speaker: Dr. Yushi Fujita (President of IEA)

Chair: Prof. Kentaro Kotani (ACED Conference Chair, Kansai Univ.)

Brief Introduction of Asian Ergonomics 13:45-16:15 Room B (39-601)

Speaker: Participants from Asian countries / regions

Chair: Prof. Kentaro Kotani (ACED Conference Chair, Kansai Univ.)

Friday, 2 June

Symposium: Ergonomics Education 15:30-17:30 Room B (39-601)

Chair: Dr. Yushi Fujita (President of IEA)

Sunday, 4 June

ACED2017 Design Award Session 10:10-11:10 Room F (39-401)

【JES Organized Session】

Sunday, 4 June

ACED/JES Joint Symposium 9:00-11:10 Room B (39-601)

Cooperation in Asia on certification of professional ergonomists

Organizer: Shinichi Fukuzumi (NEC Corp.)

KD1-1 Co-symposium by JES/ACED

KD1-2 Professional Human Factors and Ergonomics Certification ○Frederick Tey (Human Factors & Ergonomics Society of Singapore), Maggie Graf (Swiss State Secretariat of Economic Affairs)

KD1-3 Overview of certified ergonomics expert qualification system in Japan and its issues ○Motoharu YOKOI (CPEJ / Honda R&D Co., Ltd.)

KD1-4 Challenges in Establishing the Professional Ergonomist Certification Scheme in Malaysia ○Shamsul Bahri Mohd Tamrin(Universiti Putra Malaysia), Muhammad Syafiq Syed Mohamed (Universiti Teknikal Malaysia Melaka),Ng Yee Guan(Human Factors and Ergonomics Society Malaysia)

【General Organized Session】

Saturday, 3 June

A2(S) 10:10-11:10 Room A (37-101)

Service Design

Organizer: Prof. Toshiki Yamaoka (Kyoto Women's Univ.)

A2(S)-1 Service design method ○Toshiki Yamaoka, Yuu Fujita (Kyoto Women's University)

A2(S)-2 Classification of the comfortable feeling at using Deodorizer by Mobile Phone Research ○Hideyuki Imai 1, Noriko Hara (LION CORPORATIO)

A2(S)-3 User Experience Evaluation of People-Dominant Service Interface ○Ryota Mori (Nagano Prefectural College,)

A2(S)-4 A Study of Integration of the System Elements as Service ○Kazutoshi Sakaguchi(1Fujitsu Design Limited.), Seiko Shirasaka(Keio University)

A2(S)-5 Shop layout design analysis - case of localized coffee shops. ○Keita Yasui (Design Ergonomics Research Group)

Sunday, 4 June

E6 (S) 9:00–10:00 Room E (39–508)

Psychophysiology in Ergonomics (PIE)

Organizer: Prof. Mieko Osuga (Osaka Institute of Technology)

Prof. Shinji Miyake (UOEH)

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| E6(S)-1 | Assessment of Cognitive Function using P3 Components of Eye fixation Related Potentials | ○Kengo Asahi , Mieko Ohsuga (Osaka Institute of Technology) |
| E6(S)-2 | Measurement of fNIRS to Estimate Emotion in a VR System | ○Michiko Ohkura, Yoshiki Koinuma, Kazuki Miyamoto, Kodai Ito, Shin-ichiro Kanoh (Shibaura institute of Technology) |
| E6(S)-3 | Rest-Task differences in correlation coefficients between autonomic nervous system indices | ○Chie Kurosaka (University of Occupational and Environmental Health), Hiroyuki Kuraoka (Kyushu Institute of Technology), Shinji Miyake (University of Occupational and Environmental Health) |
| E6(S)-4 | Mental and physical burdens in a hot environment: Assessments of work clothes with an air cooling function and cold compresses attached to the neck | ○Shimpei Yamada, Yuto Fukuyama (University of Occupational Environmental Health,) |
| E6(S)-5 | Comparison of indices associated with skin conductance responses evaluating for emotional changes induced by tactile thermal stimuli | ○Kentaro Kotani, Takafumi Shinoda, Satoshi Suzuki, Takafumi Asao (Kansai University), Sigeyoshi Iizuka (Kanagawa University) |