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 Toriiizuka (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 Toriiizuka (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.)


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 (Univertiti 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( IFujitsu Design Limited.), Seiko Shirasaka( Keio University)

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

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, Takaumi Shinoda, Satoshi Suzuki, Takaumi Asao (Kansai University), Sigeyoshi Iizuka (Kanagawa University)