

June 16

- 10:30 ~ 10:40 Opening Speech: Vice-President Hiroshi Matsumoto
- 10:40 ~ 11:30 Chair: Nobuyuki Tose (Keio University)
James Yorke (University of Maryland)
“Chaos: Origins and Perspectives”
- 11:30 ~ 12:20 Chair: Jun Sekine (Kyoto University)
Yoichiro Takahashi (Kyoto University)
“Randomness and Regularity in Nature”
- 13:50 ~ 14:40 Chair: Seiji Nakagawa (NIAIST)
Toshiaki Imada (University of Washington)
“Cutting-Edge Neuroimaging Technology: Language Functions from Infants to Adults”
- 14:40 ~ 15:30 Chair: Mitsuo Tonoike (Chiba University)
Yoshikazu Tobinaga (Elegaphy, Inc.)
“Non-Invasive Brain Measurement of Individual Thinking”
- 15:50 ~ 16:40 Chair: Tadashi Yagi (Doshisha University)
Makoto Yano (Kyoto University)
“Intergenerational Transfer and Altruism”
- 16:40 ~ 17:30 Chair: Masao Ninomiya (Kyoto University)
Makoto Yao (Kyoto University)
“Bridges between Microscopic and Macroscopic Physics”
- 17:30 ~ 18:20 Chair: Satoru Nakatsuji (Tokyo University)
David Pines (UC Davis and Los Alamos National Laboratory)
“Universe: From Quantum Matter to Social Behavior”

June 17

- 10:30 ~ 11:20 Alain Venditti (GREQAM)
Kazuo Nishimura (Kyoto University)
“Power of Self-Learning Method and Complex Economic System”
- 11:20 ~ 12:10 Chair: Haruhiko Funahashi (Osaka Electro-Communication University)
Ali Alper (Sabanci University)
“Emerging Needs and Patterns in Education: the University Courses Curriculum at Sabanci University”
- 13:40 ~ 14:30 Chair: Fujio Ohmori (Kumamoto University)
Tomoe Fujimoto (Tomoe Soroban Inc.) and
Hideki Okada (Matsushita Electric Industrial Co., Ltd.)
“Exhibition: Soroban and Mental Arithmetic Calculation”
- 14:30 ~ 15:20 Chair: Kiyotaka Doi (Hyogo University)
Joyce Tsunoda (University of Hawaii and Hakuo University.)
“The Scholarship of Teaching and Learning in American Higher Education”
- 15:40 ~ 16:30 Chair: Yoshihiro Hamaya (Okayama University of Science)
Saber Elaydi (Trinity University)
“Mathematics and Life Sciences in Undergraduate education: Pedagogy and Research”
- 16:30 ~ 17:20 Chair: Naoki Kuramoto (Tohoku University)
Yasuo Morita (Tohoku University)
“Mathematical Education and Entrance Examinations in Japan”
- 17:20 ~ 18:10 Chair: Nobuo Okada (Osaka University)
David Sell (Nara Institute of Science and Technology)
“Japan and the US: Pursuing Our Highest Values”