Aug. 20 (Wed.)

Plenary Talk	**"Biological robustness"** **Dr. Hiroaki Kitano (The Systems Biology Inst., Japan)** Chair: Prof. Fumitoshi Matsuno (UEC, Japan)	11:15	12:15	Auditorium
Invited Speech	**"Mobiligence: Emergence of Adaptive Motor Function through Interaction among the Body, Brain and Environment"** **Prof. Hajime Asama (The Univ. of Tokyo, Japan)** Chair: Prof. Kazushi Nakano (UEC, Japan)	13:15	14:15	Room B202
Invited Speech	**"Feedback Control for Oscillation by Central Pattern Generator"** **Prof. Tetsuya Iwasaki (Univ. of Virginia, USA)** Chair: Prof. Kenji Sugimoto (Nara Institute of Science and Technology, Japan)	14:15	15:15	Room B202
Interactive OS	**OS: NEDO Rescue Robot System Project** Organizer: Fumitoshi Matsuno (UEC) Chair: Fumitoshi Matsuno (UEC)	15:30	16:30	**Building B 1F Hall**
IS-1	Touch-pen interface with local environment map for mobile robot navigation *Noritaka Sato (UEC), HIsashi Mizumoto (UEC), Naoji Shiroma (Ibaraki Univ.), Masahiko Inami (Keio Univ.), Fumitoshi Matsuno (UEC)	15:30	16:30	
IS-2	Formation Control of Multiple Rescue Robots with Collision Avoidance *Shinsuke OH-HARA (UEC), Fumitoshi MATSUNO (UEC)	15:30	16:30	
IS-3	Development of grouped rescue robot platforms for information collection in damaged buildings *Tetsushi Kamegawa (Okayama Univ.), Kenta Saikai (Okayama Univ.), Shinjirou Suzuki (Okayama Univ.), Akio Gofuku (Okayama Univ.), Seiji Oomura (TOPY INDUSTRIES), Tsuyoshi Horikiri (TOPY INDUSTRIES), Fumitoshi Matsuno (UEC)	15:30	16:30	
IS-4	Auto configuration and management mechanism for the robotics self extensible WiFi network *Keiichi Shima (Nara Institute of Science and Tech.), Yojiro Uo (Internet Initiative Japan), Sho Fujita (Univ. of Tokyo)	15:30	16:30	
IS-5	Temporal GIS for Information Collection System using Robot Tech. in a Damaged Building *Michinori Hatayama (Kyoto Univ.), Fumitoshi Matsuno (UEC)	15:30	16:30	

Aug. 21 (Thu.)

Plenary Talk	**"From Biologically-Inspired Robots to Reality: Snake and Quadruped Walking"** **Prof. Shigeo Hirose (Tokyo Inst. of Technology, Japan)** Chair: Prof. Prof. Satoshi Tadokoro (Tohoku Univ., Japan)	11:15	12:15	Auditorium
Invited Speech	**"Rescue Robot Systems - From Snake-like Robots to Human Interface -"** **Prof. Fumitoshi Matsuno (UEC, Japan)** Chair: Prof. Takashi Kida (UEC, Japan)	13:15	14:15	Room B202
Invited Speech	**"Hybrid Methods for Numerical Optimization Problems"** **Prof. Min-Jea Tahk (KAIST, Korea)** Chair: Prof. Yoshito Ohta (Kyoto Univ., Japan)	14:15	15:15	Room B202
Invited Special Speech	**"Manipulating and Controlling Atoms and Photons Using Optical Nanofibers"** **Prof. Kohzo Hakuta (UEC, Japan)** Chair: Prof. Kojiro Hagino (UEC, Japan)	15:30	16:30	Auditorium

Aug. 22 (Fri.)

Plenary Talk	**"The Psychology of Human-Robot Interaction"** **Prof. John Baillieul (Boston Univ., USA)** Chair: Prof. Kunikatsu Takase (UEC, Japan)	11:15	12:15	Auditorium
Invited Speech	**"Telehaptics"** **Prof. Kouhei Ohnishi (Keio Univ., Japan)** Chair: Prof. Makoto Shimojo (UEC, Japan)	13:15	14:15	Room B202
Invited Speech	**"Assistance Systems for the Control of Rovers"** **Prof. Klaus Schilling (Univ. Wuerzburg, Germany)** Chair: Prof. Seiichi Shin (UEC, Japan)	14:15	15:15	Room B202