OPEN HOUSE 2012

Venue: NTT Keihanna Building
2-4 Hikarida Saiaka-Chi, Soraku-Gun, Kyoto, 619-0237, Japan

June 7 12:00~17:30
June 8 9:30~16:00

Oral Presentations
Thursday, June 7
14:00-14:50  15 Minutes by Taxi
Naonori Ueda, Director, NTT Communication Science Laboratories
Akihiro Kitada, Associate Professor, The University of Tokyo
Unveiling the myth of vocabulary spurt by analyzing longitudinal data

14:00-14:50  10 Minutes by Taxi
Naomichi Ueda, Senior Researcher, NTT Network Innovation Laboratories
Neuroscience of liking and wanting

15:00-15:50  10 Minutes by Taxi
Yoshiyuki Suyama, Innovative Communication Laboratory
Exploring biological foundations of human emotion in animal behavior

16:00-16:50  15 Minutes by Taxi
Kazuyuki Yoshimura, Media Information Science Laboratory
Adaptive strategy of human visual system

Friday, June 8
14:00-14:50  10 Minutes by Taxi
Yasuhiko Sato, Senior Researcher, NTT Network Innovation Laboratories
Equivalence between the essence and the data

14:00-14:50  15 Minutes by Taxi
Noboru Harada, Moriya Research Laboratory
Rats can better themselves by observing others

14:30-15:00  10 Minutes by Taxi
Kazunori Hayashi, Media Information Science Laboratory
Neural basis of adaptive social behaviors

15:30-16:20  15 Minutes by Taxi
Kazuyuki Yoshimura, Media Information Science Laboratory
Close link between articulation and speech perception

Research Talks
June 7
11:00-11:30  30 Minutes by Taxi
Eric Horvitz, Microsoft Research
Implicit eye-hand coordination

12:00-12:30  30 Minutes by Taxi
Jens Guenther, Siemens Corporate Technology
Listening and understanding conversations

13:00-13:30  30 Minutes by Taxi
Naomichi Ueda, Senior Researcher, NTT Network Innovation Laboratories
Conversation space by physical augmentation of head motions

14:00-14:30  30 Minutes by Taxi
Kazuyuki Yoshimura, Media Information Science Laboratory
Tactile sensations categories based on mimetic words

14:30-15:00  30 Minutes by Taxi
Noboru Harada, Moriya Research Laboratory
Neural basis of adaptive social behaviors

15:30-16:00  30 Minutes by Taxi
Kazuyuki Yoshimura, Media Information Science Laboratory
Close link between articulation and speech perception

Exhibition
Information Science
- Unmeasurable light produces common secrets: Security by direct light-based communication mechanisms in secrecy
- Computer guarantees ultimate security of cryptosystems: Security proof using formal methods
- Does the law protect your privacy? Proposed formal data of privacy and detailed analysis to law
- Adaptive learning from similar examples: 98% score of learning language of animals (fugu)
- This is the essence of your data, isn’t it?: Correcting billions of errors of data for changing database

Interface Science
- Massive sensor networks collect data you want to know: Dynamic architecture and central repository
- Word order is critical for translation quality: Robustness against variation of sentence order
- Dynamic displays provide more information about conversations: Conversation context by vehicle navigation device
- Toward media spaces that minimize: Design of a platform and theory used in applications
- Analyzing your singing style: Analyzing the sounds based on sound-colored data
- Who spoke when and what?: Progress in vocal analysis for multi-speaker conversations

Life Science
- Why do children suddenly begin to learn words?: Analyzing the impact of neighbor word by analyzing longitudinal data
- Appropriate words for children at particular ages: Teaching for appropriate conversations for toddlers
- Speaking plays tricks on hearing: Slide Talk between translation and speech perception
- Rat’s can better themselves by observing others: Observations of rat’s social behavior
- Exploring brain mechanisms for selective listening: Psychoacoustics, modeling, and functional brain measurements
- Tactile sensation categories based on mimetic words: Classification and their phenomena representation

Social Gathering
We will hold a social gathering on June 7th 17:30-19:00. We look forward to exchanging opinions with visitors.

Contact
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For more information on NTT Communication Science Laboratories OPEN HOUSE 2012, please visit the website at http://www.kecl.ntt.co.jp/openhouse/2012/