

**The 2014 International Symposium on
Real-time Natural User Interface and Natural User
eXperience(RN² 2015)**

Zhangjiajie, China, May 18-20, 2015

<http://www.futuretech-conference.org/2015/rnn2015>

In conjunction with FutureTech 2015

Organized by
NUI/NUX Information Technology Research Center

Technically sponsored by **FTRA**

Published by
Springer LNEE(indexed by **EI & SCOPUS**)

Recently, NUI(Natural User Interface) and NUX(Natural User eXperience) Technology are becoming more natural and intuitive by using gesture and speech to real-time interact with various sensors in life style. These technologies focus on facilitating the use of future computing environments by keeping the human user in mind. The real-time interactive NUX/NUI technologies have emerged rapidly as an exciting new industry and life paradigm. These topics will be the most comprehensive field focused on the various aspects of advances in information technologies, applications, and services. There might be many issues to realize and provide smart services and much effort and enormous attention have been focused on NUX/NUI technologies for the reality media services. Theoretical research contributions presenting new technologies, concepts, or analyses, reports on experiences and experiments of implementation and application of theories, and tutorials on new trends should be needed on IT research fields.

This conference provides an opportunity for academic and industry professionals to discuss recent progress in the area of NUI/NUX including models and systems, new directions, novel technologies and applications associated with the utilization and acceptance of NUI/NUX.

Topics

The RN² workshop includes, *but is not limited to*, the areas listed below:

- Reality Interactive NUX/NUI Technologies with Face, Motion and Voice Recognition
- Real-time Interactive NUX/NUI Core Technologies for Reality Interaction
- Advanced Core Technologies for Reality Interaction based on Multimodal
- New Interaction Technologies with Voice, Gesture, Face Recognition and Object Tracking
- Future Technologies and Applications for Real-time Multi user Tracking and Cooperation Sensors
- Advanced Technologies for NUI informal Data Storage Technologies
- Advanced Technologies Cooperation and Interface for Multi Devices and Sensors
- Advanced Information Representation Technologies for Display with Image, Sound, Voice, Object and so on.
- Real-Time Service Applications based on Invoked Reality

- Reality Media Service and NUX/NUI Infrastructure Platform Technologies
- Security issues for NUI/NUX

Organization

Steering Chairs

Kyungeun Cho, Dongguk University, Korea
James J. Park, SeoulTech, Korea

General Chairs

Kyhyun Um, Dongguk University, Korea
Mohammad S. Obaidat, Monmouth University, USA
FrodeEikaSandnes, Oslo and Akershus University College of Applied Sciences, Norway
Chee Sun Won, Dongguk University, Korea

Program Chairs

Young-SikJeong, Dongguk University, Korea
NEIL Y. YEN, The University of Aizu, Japan
RituArora, University of Texas at Austin, USA
Xin Chen, University of Hawaii, USA
Kang Ryoung Park, Dongguk University, Korea
Francoise Sailhan, CNAM, France

Publicity Chairs

Dominique Dhoutaut, UFC/FEMTO-ST Institute, France
Feng Xia, Dalian University of Technology, China
Lu Liu, University of Derby, UK
Zili Shao, The Hong Kong Polytechnic University, Hong Kong
Jiann-Liang Chen, National Taiwan University of Science and technology, Taiwan
Fuji REN, The University of Tokushima, Japan

Publication Chair

Hwa Young Jeong, Kyung Hee University, Korea

Program Committees

Abdel-Badeeh M. Salem, Ain Shams University, Egypt
Alan H.S chan, City University of Hong Kong, Hong Kong
Alexander Vazhenin, University of Aizu, Japan
Aljosa Pasic, Atos Origin, France
An Liu, University of Science and Technology of China, China
Andrzej M.J. Skulimowski, AGH University of Science and Technology, Poland
Anna Maria Di Sciallo, Director of the MCRI on interfaces, Canada
An Na Kang, Dongguk University, Korea
Ashkan Sami, Shiraz University, Iran
BahmanArasteh, Islamic Azad University, Iran
Baoliu Ye, Nanjing University, China
Bin Guo, Northwestern Polytechnical University, China
Chang S. Nam, North Carolina State University, USA
Chaogang Tang, University of Science and Technology of China, China
Chao-Tung Yang, Tunghai University, Taiwan
Chia-Hung Yeh, National Sun Yat-sen University, Taiwan
Chien-hung Liu, Hsing-Kuo University, Taiwan
Chih-Lin Hu, National Central University, Taiwan
Chin-Chen Chang, Feng Chia University, Taiwan
Changhwan Yi, Dongguk University, Korea

ChuliangWeng, Shanghai Jiaotong University, China
Costas Panagiotakis, Technological Educational Institute of Crete, Greece
Damien Sauveron, University of Limoges, France
Daniele Riboni, University of Milan, Italy
Dennis Pfisterer, University of Luebeck, Germany
Der-Chyuan Lou, Chang Gung University, Taiwan
Der-Jiunn Deng, National Changhua Univ. of Education, Taiwan
Dieter Gollmann, TUHH, Germany
Dobrynin Vladimir, Saint Petersburg State University, Russia
Dongil Shin, Sejong University, Korea
DraganIvetic, University of Novi Sad, Republic of Serbia
Dongkyoo Shin, Sejong University, Korea
Dumitru Dan Burdescu, University of Craiova, Romania
EmineUnalir, Ege University, Turkey
EuiChul Lee, Sangmyung University, Korea
FarhadArbab, CWI, Netherland
Fiona Nah, University of Nebraska-Lincoln, USA
FrodeEikaSandnes, Oslo University College, Norway
Gabriela Lindemann, Humboldt University of Berlin Institute of Computer Science, Germany
GaganAgrawal, Ohio State University, USA
Gail-JoonAhn, Arizona State University, USA
Gerhard Weber, Dresden University of Technology, Germany
Gourab.Sen Gupta, Palmerston North, New Zealand
GregorSchiele, Mannheim University, German
GuandongXu, Victoria University, Australia
GuangtaoXue, Shanghai Jiao Tong Univ., China
Guanling Chen, University of Massachusetts Lowell, USA
Gunter Saake, Otto-von-Guericke-Universitat, Germany
Guojun Wang, Central South University, China
HamedNassar, Suez Canal University, Egypt
Han Xu, TechnischeUniversitatMunchen, Germany
Haofen Wang, Shanghai Jiao Tong University, China
Heidi Kroemker, Technical University Ilmenau, Germany
Hiroshi MINENO, Shizuoka University
Hochong Park, Kwangwoon University, Korea
Huan Liu, Arizona State University, USA
Hui-Huang Hsu, Tamkang University, Taiwan
HyeonJeong Kim, Kyungsoong University, Korea
Indrakshi Ray, Colorado State University, USA
Isabelle Simplot-Ryl, Univ. Lille 1, France
Jan de Meer, Brandenburg Technical University, Germany
Jan Newmarch, BoxHill Institute, Australia
Jenq-Muh Hsu, National Chiayi University, Taiwan
Jen-Wei Hsieh, National Taiwan University of Science and Technology, Taiwan
Jerzy Charytonowicz, Wroclaw University of Technology, Poland
Jing-Ming Guo, National Taiwan University of Science and Technology, Taiwan
JingzhiGuo, University of Macau, China
Jinjun Chen, Swinburne University of Technology, Australia
JohnnesArreymbi, University of East London, UK
JordiForne, Technical University of Catalonia, Spain
Juan Augusto, University of Ulster, UK
Juan Tourino, University of A Coruna, Spain
Jui-Le Chen, Tajen University, Taiwan
Jun Wu, National Pingtung Institute of Commerce, Taiwan
Justin Zhan, University of South Dakota, USA
Kamen KANEV, Shizuoka University, Japan
Keqiu Li, Dalian University of Technology, China
Khaled El-Ayat, American University in Cairo, Egypt
Konstantin Markov, University of Aizu, Japan

Kuei-Ping Shih, Tamkang University, Taiwan
Lei Shu, Osaka University, Japan
LeszekPacholski, Poznan University of Technology, Poland
Lin Liu, University of South Australia, Australia
Luke Chen, University of Ulster, UK
M. A. Rizvi, National Institute of Technical Teachers' Training and Research, India
MarcinPaprzycki, Polish Academy of Sciences, Poland
Margaret Tan, Nanyang Technological University, Singapore
Maria Lee, Shih Chien University, Taiwan
Maria Luisa Damiani, UniversitadegliStudi di Milano, Italy
Marina Gorunescu, University of Craiova, Romania
Masaaki Kurosu, National Institute of Multimedia Education, Japan
Maxim Mozgovoy, University of Aizu, Japan
Mehul Bhatt, University of Bremen, Germany
Mikio Aoyama, Nanzan University, Japan
Moo Young Kim, Sejong University, Korea
Mohamed Roushdy, Ain Shams University, Egypt
NicuBizon, University of Pitesti, Romania
Norio Shiratori, Tohoku University, Japan
Okan Bursa, Ege University, Turkey
OvuncOzturk, Ege University, Turkey
Paolo G. Bottoni, Sapienza University of Rome, Italy
paoloG. Bottoni, Sapienza University of Rome, Roma, Italy
Peizhao Hu, NICTA, Australia
Peter Frohlich, Telecommunications Research Center Vienna, Austria
Peter Langend, IHP-Microelectronics, Germany
PyshkinEvgeny, Saint Petersburg Polytechnical University, Russia
Qing Tan, Athabasca University, Canada
Qishi Wu, University of Memphis, USA
Roman Neruda, Academy of Sciences of the Czech Republic, Czech
Ruay-Shiung Chang, National Dong Hwa University, Taiwan
Sen Gupta Gourab, Palmerston North, New Zealand
Seunghyun Yoon, Dongguk University, Korea
SengLoke, La Trobe University, Australia
SheraliZeadally, University of the District of Columbia, USA
Shih-Pang Tseng, Tajen University, Taiwan
Shiting Wen, University of Science and Technology of China, China
Shu-Chen Cheng, Southern Taiwan University of Science and Technology, Taiwan
Shu-Ching Chen, Florida International University, USA
Song Guo, The University of Aizu, Japan
Song Wu, Huazhong Univ. of Science and Technology, China
Stefan Fischer, University of Luebeck, Germany
Subhas Chandra Mukhopadhyay, Massey University (Manawatu), New Zealand
Susumu Date, Osaka University, Japan
Takahiro Hara, Osaka University, Japan
Tanveer Zia, Charles Sturt University, Australia
TatjanaZrimec, University of New South Wales, Australia
Tien-Chi Huang, National Taichung University of Science and Technology, Taiwan
Tien-Wen Sung, HsingKuo University, Taiwan
TomazAmon, Center for scientific visualization, Slovenia
Tomoko Yonezawa, Kansai University, Japan
TugbaOzacarOzturk, Ege University, Turkey
Tzung-Shi Chen, National University of Tainan, Taiwan
V. Rajamani, IndraGanesan College of Engineering, Tamilnadu, India
Vic Grout, Centre for Applied Internet Research, UK
Vladimir A Oleshchuk, University of Agder, Norway
WaltenegusDargie, Technical University of Dresden, Germany
Wei Chen, Beijing Institute of Technology, China
Weicheng Lin, National Kaohsiung University, Taiwan

Wenchang Shi, Renmin University of China, China
Wenjian Jiang, Orange Labs Beijing, China
Wen-Yen Wang, Kun Shan University, Taiwan
William Cheung, Hong Kong Baptist University, Hong Kong
Xiaohui Zhao, Swinburne University of Technology, Australia
Xiaojiang Chen, Northwest University, China
Yagi, Yukako, Massachusetts General Hospital, USA
Yan Tang, Vrije University Brussel, Belgium
Yan Wang, Macquarie University, Australia
Yeh-Ching Chung, National TsingHua University, China
Yi Cai, South China University of Technology, China
Ying Jiang, Beijing Normal University, Zhuhai Campus, China
Ying Liu, National University of Singapore, Singapore
YingweiLuo, Peking University, China
Yo-Ping Huang, National Taipei University of Technology, Taiwan
Yoshinori Horie, Nihon University, Japan
Yue-Shan Chang, National Taipei University, Taiwan
Zhang Xinpeng, Shanghai University, China
Zhenglu Yang, University of Tokyo, Japan

Important Dates

Paper Submission Due:	March	20, 2015
Accept Notification:	April	30, 2015
Camera-ready paper Due:	April	30, 2015
Registration Due:	April	30, 2015
Conference/Workshop Dates:	May	18-20, 2015

Submission Guidelines and Publications

There will be a combination of presentations including scientific papers. Prospective authors are invited, in the first instance, to submit papers for oral presentations in any of the areas of interest for this conference. Authors should submit a paper with 5~6 pages at both two types in length, including all figures, tables, and references. If you want to submit more than page limitation, you can add up to 2 extra pages with the appropriate fee payment.

Papers must strictly adhere to page limits as follows.

- Regular Paper: 6 pages (Max 2 extra pages allowed at additional cost : by 8 pages)

Papers exceeding the page limits will be rejected without review.

Please use the Springer Proceedings format for submission. Template is available here: [Manuscript Templates](#)

Paper Submission : <http://www.confmanager.net/ft2015/>

****Authors MUST choose topic as “RNN 2015” at the submission system**.**

All accepted papers will be included in Futuretech-15 conference proceedings as one of Lecture Notes in Electrical Engineering (LNEE) series published by Springer (**indexed by EI & SCOPUS**).

Distinguished papers accepted and presented in RN² 2015, after further revisions, will be recommended in the special issues of the following international journals: (Pending)

- [The Journal of Supercomputing \(JoS\)](#) - Springer (SCI)
- [Multimedia Tools and Applications \(MTAP\)](#) - Springer (SCIE)
- [Human-Centric and Information Sciences \(HCIS\)](#) - Springer
- [Journal of Convergence \(JoC\)](#) - FTRA



Contact

Prof. Young-Sik Jeong

Dongguk University, Korea

Email: ysjeong@dongguk.edu

- The End -