

# Overview of ICBAKE2017 Conference Program

September 15, 2017

	RoomA	RoomB	Hall
12:50PM	Opening		
13:00PM	Keynote 1: "Interacting with information in the brain" by Professor Jiro Okuda		
13:45PM	Keynote 2: "Single and ensemble-based classifiers in biometric recognition" by Professor Piotr Porwik		
14:30PM	Coffee Break (Cafe KSUKSU, 1F)		
14:45PM	Organized Session 1: Affective and Behavioral Engineering	Organized Session 3: Life-oriented software and KANSEI engineering	
16:25PM	Coffee Break (Cafe KSUKSU, 1F)		
16:40PM	Session A1: Feature Extraction	Session B1: User Preferences	
17:40PM			
18:00PM	Welcome Party (Cafe KSUKSU, 1F)		
20:00PM			

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9:30AM	Keynote 3: "Intelligent Smart City Platform" by Professor Young Im Cho		
10:15AM	Coffee Break (Cafe KSUKSU, 1F)		
10:30AM	Organized Session 4: Emerging Trends and Social Aspects of Biometrics	Session B2: Kansei Measurement	
11:50AM	Session A2: Authentication	Session B3: Kansei Design	
0:00PM	Lunch on your own		
13:00PM	※Please gather at the entrance of Musubiwaza-kan by 14:20. The bus will leave at 14:30.		
14:20PM	Excursion by bus (Experiences of making Kyo-Gashi and sightseeing Tomita-ya)		
14:30PM			
17:50PM	Banquet (Torihisa)		
18:00PM			
20:30PM	※Everyone goes hotel by No bus. Committee member will guide the participants to a station near from Torihisa.		

**September 17, 2017**

	<b>RoomA</b>	<b>RoomB</b>	<b>Hall</b>
9:30AM			Keynote 4: "A Simple Biometrics Image Descriptor" by Professor Khalid Saeed
10:15AM	Coffee Break (Cafe KSUKSU, 1F)		
10:30AM			Organized Session 2: Adaptive System Interacting with Users
11:50AM			
12:00PM			Closing
12:10PM			

# Technical Program

## Organized Session 1: Affective and Behavioral Engineering (September 15, 14:45-16:25; Room A)

Chair: Teruhisa Hochin

	Authors	Title
OS1-1	Rahadian Yusuf, Ivan Tanev and Katsunori Shimohara	Individuality and User-Specific Approach in Adaptive Emotion Recognition Model
OS1-2	Yui Nonomura, Teruhisa Hochin, Hiroki Nomiya and Yukiko Nishizaki	Evaluation of Coloring Methods of Characters for Presentation Slides
OS1-3	Keiko Yamamoto, Masataka Yoshida, Itaru Kuramoto and Yoshihiro Tsujino	Supporting Novice Waiters by Indicating Next Action Based on Partial Task Integration Algorithm
OS1-4	Yuki Karasawa, Mayumi Uemae and Masayosi Kamijo	Investigation of factors for evaluating skin-touch comfort sensation of cloth used for cosmetic face masks
OS1-5	Tomoki Maeda, Teruhisa Hochin and Hiroki Nomiya	Clarifying Relevance of Picture Impression Factors of Culturally Different People by Transformation Matrix

## Organized Session 3: Life-oriented software and KANSEI engineering (September 15, 14:45-16:25; Room B)

Chair: Yoshifumi Okada

ID	Authors	Title
OS3-1	Makiba Sakamoto	Relationship between operation and texture and stereoscopic feeling of the screen
OS3-2	Kaiji Sugimoto, Saerom Lee and Yoshifumi Okada	Classification of Anger Emotion using Japanese Vowel
OS3-3	Saerom Lee, Kaiji Sugimoto and Yoshifumi Okada	Detection of Abnormal ECG Waveform Based on Linkage Pattern Mining
OS3-4	Yigang Huang and Namgyu Kang	How Metaphorical Door Handle Influence Users' Opening-Door Behaviors
OS3-5	Klairung Ponanan, Hidetsugu Suto and Shinya Watanabe	An approach for supporting system of international logistics based on ontological engineering

## General Session A1: Feature Extraction (September 15, 16:40-17:40; Room A)

Chair: Daishi Watabe

ID	Authors	Title
A1-1	Maciej Szymkowski and Khalid Saeed	A Novel Approach to Fingerprint Identification Using Method of Sectorization
A1-2	Ryo Ishikawa and Tomohiko Ohtsuka	Reliable Iris Feature Extraction by Local Thresholding with Optimum Block Size
A1-3	Suthipat Swangarom, Takuya Tajima, Takehiko Abe and Haruhiko Kimura	Development of Sleep Disorder Detection System for Solitary Person using Boditrak Sensor

**Session B1: User Preferences (September 15, 16:40-17:40; Room B)****Chair: Yoshiko Hanada**

<b>ID</b>	<b>Authors</b>	<b>Title</b>
B1-1	Yuri Hamada, Keisuke Kanno and Hiroko Shoji	Difference in Focus Points between Experts and Non-Experts while Watching Soccer Game
B1-2	Akihiro Ogino	A design support system for indoor design with originality suitable for interior style
B1-3	Kota Nomura and Makoto Fukumoto	Distance Analysis of Music Melodies Created by Distributed Interactive GA

**Organized Session 4: Emerging Trends and Social Aspects of Biometrics (September 16, 10:30-11:50; Room A)****Chair: Piotr Porwik**

<b>ID</b>	<b>Authors</b>	<b>Title</b>
OS4-1	Ada Wrońska, Kacper Sarnacki and Khalid Saeed	Athlete number detection on the basis of their face images
OS4-2	Takanari Minamidani, Hideyasu Sai and Daishi Watabe	Improving Ear Recognition Robustness from Single-View-Based Images Rotated in Depth for forensic observations
OS4-3	Isao Nakanishi and Masashi Hattori	Biometric Potential of Brain Waves Evoked by Invisible Visual Stimulation
OS4-4	Nobuyuki Nishiuchi and Seima Aoki	Study on Behavioral Biometrics to Predict User's Interest Level using Web Access Log

**Session B2: Kansei Measurement (September 16, 10:30-11:30; Room B)****Chair: Makoto Fukumoto**

<b>ID</b>	<b>Authors</b>	<b>Title</b>
B2-1	Shigeru Kato, Naoki Wada, Naruse Murakami, Ryuji Ito, Rina Kondo and Yuma Goto	The estimation system of food texture considering sound and load using neural networks
B2-2	Kodai Ito and Michiko Ohkura	Evaluation of "Dokidoki Feeling" for a VR System using ECGs with comparison between genders
B2-3	Jun-Ichi Imai and Shun Kurokawa	Contextually Appropriate Ambiguous Facial Expressions by Life-like Agents

**Session A2: Authentication (September 16, 12:00-13:00; Room A)****Chair: Khalid Saeed**

<b>ID</b>	<b>Authors</b>	<b>Title</b>
A2-1	Krzysztof Wrobel, Piotr Porwik, Rafał Doroz and Hossein Safaverdi	Person verification based on finger knuckle images and least squares contour alignment
A2-2	Yutaka Higashiguchi, Yoshinobu Kajikawa and Shunsuke Kita	A Personal Authentication System Based on Pinna Related Transfer Function
A2-3	Ryohei Hasegawa, Yukako Hasegawa and Yoshiko Nakamura	Development of Neuroauthenticator

**Session B3: Kansei Design (September 16, 12:00-13:00; Room B)****Chair: Jun-ichi Imai**

<b>ID</b>	<b>Authors</b>	<b>Title</b>
B3-1	Masatoshi Imai and Yoshiro Imai	Kansei-engineering based Collaborative Design through SNS-like Information-sharing System
B3-2	Makio Ishihara and Yukio Ishihara	A Pilot Study on Impact of Viewing Distance to Task Performance
B3-3	Yuki Mako and Makio Ishihara	A Study on Influence of Long Arrow-Mouse Cursor on Sense of Self-Ownership

**Organized Session 2: Adaptive System Interacting with Users (September 17, 10:30-11:50; Hall)****Chair: Daisuke Kitakoshi**

<b>ID</b>	<b>Authors</b>	<b>Title</b>
OS2-1	Xiaoying Guo and Xiangyun Wang	Effect of Visual Fluency and Cognitive Fluency on the Access Rates of Web Pages
OS2-2	Daisuke Kitakoshi, Souta Noguchi, Kentarou Suzuki and Masato Suzuki	A Study on Fall-Prevention System for Older Adults with Communication Robot
OS2-3	Yuki Endo, Kei Sato, Akihiro Yamashita and Katsushi Matsubayashi	Indoor Positioning and Obstacle Detection for the Visually Impaired Navigation System based on LSD-SLAM
OS2-4	Katsuya Ichihashi, Hiroyuki Shioya, Daiki Yamamoto, Yosuke Maehara and Kazutoshi Gohara	Sequential on-line construction for ensemble phase-retrieved images