

# 1st International Symposium on Affective Engineering 2013

March 6 (Wednesday) - March 8 (Friday), 2013

06-3		
15:00 - 18:00		Registration
18:00 - 20:00	Flamingo Café	Welcome Reception (Flamingo Cafe)

07-3		
9:00 - 17:30		Registration
9:00 - 9:30	International Conference Hall	Opening
9:30 - 10:30	KEYNOTE International Conference Hall Chair Junzo WATADA	Building machines in the biological way: reactivity and emotions first, reasoning later  Dr. Horia-Nicolai L. Teodorescu Professor, Gheorghe Asachi Technical University of Iasi

10:30 - 10:50		Coffee Break
10:50 - 11:50	KEYNOTE International Conference Hall Chair Hisao SHIIZUKA	Emerging New Rules of Games in Design  Dr. Kunpyo Lee Executive Vice President Head, Corporate Design Center, LG Electronics

11:50 - 13:30	Lunch		11:50 - 13:30	Lunch		11:50 - 13:30	Lunch	
13:30 - 14:50 (20 min * 4) Room:C21-1	Session 1A 3D Modeling for Fashion Chair Masayuki TAKATERA	<p>1A-1 Creating Upper Garments with Tight Sleeves Considering Individuals' Figures by Automatic 3D Pattern-making Yo TAKAHASHI, Akito SOFUE, KyoungOk KIM, Masayuki TAKATERA</p> <p>1A-2 Draping Simulation by a Mapping Method Shigeru INUI, Yosuke HORIBA, Yuko MESUDA, Mariko INUI</p> <p>1A-3 Cutting Method for Cloth Handling Yuko MESUDA, Shigeru INUI, Yosuke HORIBA</p> <p>1A-4 Fitness Comparison of Commercial Jodhpurs Using 3D Scan Data Mi Jung KANG, Young-Ah KWON</p>	13:30 - 14:50 (20 min * 4) Room:C21-2	Session 1B Design Evaluation Chair Shin'ya NAGASAWA	<p>1B-1 An Assessment of Workload on Upper Limbs and Design for Burden Reduction When Caregiver Change the Nursing Trousers Kazuaki URYU, Megumi KOKATSU, Satoshi HOSOYA, Chiyo MIZUTANI</p> <p>1B-2 Performance matrix approach to generating an alternative plan in consensus building Keiichi YASUDA, Wataru SHIRAKI, Hitoshi INOMO</p> <p>1B-3 Preliminary Research on Physiological Response to Pleasant Tactile Properties of Towels Ya-Ning LI, Masayoshi KAMIJO, Tomomi TSUGAMA</p> <p>1B-4 Evaluation of comfortable sensation when wearing a cosmetic facemask Motoki HIROSE, Mika MORISHIMA, Hiroaki YOSHIDA, Masayoshi KAMIJO, Yoichiro KAWAHARA</p>	13:30 - 14:50 (20 min * 4) Room:C22	Session 1C Robotics Chair Akihiro OGINO	<p>1C-1 Theatrical Effects Generation Based on Adjectives Representing Impressions of Story Scene Kenkichi ISHIZUKA, Takehisa ONISAWA</p> <p>1C-2 Using Robots to Estimate Children's Personalities Akiko IWASAKI, Takayuki SHIMOTOMAI, Kasumi ABE, Tomoaki NAKAMURA, Takayuki NAGAI, Takashi OMORI</p> <p>1C-3 Estimation of Dialogue Moods Using the Prosodic Fluctuation Features Kaoru TOYODA, Shohai KATO</p>
14:50-15:10	Coffee Break		14:50-15:10	Coffee Break		14:50-15:10	Coffee Break	
15:10-16:30 (20 min * 4) Room:C21-1	Session 2A Design / Fashion Chair So-Yeon Yoon	<p>2A-1 Research on jacket patterns and specifications of ready-to-wear for high-end in Italy and Japan Tsuyoshi OTANI, KyoungOk KIM, Keiko MIYATAKE, Kimiko SANO, Masayuki TAKATERA</p> <p>2A-2 Comparison of high-end tailored jackets for ready-to-wear produced in Italy and Japan Tsuyoshi OTANI, KyoungOk KIM, Keiko MIYATAKE, Kimiko SANO, Masayuki TAKATERA</p> <p>2A-3 Fit Satisfaction and Design Preference for Jodhpurs Ji-Eun LEE, Young-Ah KWON</p> <p>2A-4 Relationships between an Individual's Fabric Identification Ability and Amounts of Experience and Knowledge Tomoharu ISHIKAWA, Kou SATO, Ryouta TSUJI, Kazuya SASAKI, Hiroko SHIMIZU, Miyoshi AYAMA</p>	15:10-16:30 (20 min * 4) Room:C21-2	Session 2B Model Chair Hyo-II Jung	<p>2B-1 Independence of anisotropy and depth reversal in apparent depth specified by binocular disparity and motion parallax Yasuaki TAMADA, Masayuki SATO</p> <p>2B-2 Streetscape Zoning for Historical Town by Self Organizing Maps Toshio TSUCHIYA</p> <p>2B-3 Shall We Let Algebraic Agents Play a Board Game? Kentaro ENDO, Tetsuya MURAI, Yasuo KUDO, Mayuka F. KAWAGUCHI, Nam Van HUNYH</p> <p>2B-4 Convergence of a Newton-Like Algorithm Solving the Nonlinear Complementarity Problem Vyacheslav V. KALASHNIKOV, Nataliya I. KALASHNIKOVA</p>	15:10-16:30 (20 min * 4) Room:C22	Session 2C Branding and Designing Affective Products Chair Katsuari KAMEI	<p>2C-1 The Influence of Skincare Routine on Skin Physiology Parameter and Kansei-Value Yuet Sim CHAN, Yukiko TAMURA, Misako KURODA, Takao SOMEYA</p> <p>2C-2 Development of the Skin Counseling Equipment in which Counselor's Experience and Sensitivity are Reflected Takayoshi ITO, Sumiko SATO, Yuet Sim CHAN, Takao SOMEYA</p> <p>2C-3 An Analysis of Reading Emotion of e-Books with Sound Effects by Near-Infrared Spectroscopy (NIRS) Katsuari KAMEI, Akira NAGAI</p>
16:30-16:50	Coffee Break		16:30-16:50	Coffee Break		16:30-16:50	Coffee Break	
16:50-17:50 (20 min * 3) Room:C21-1	Session 3A Image Analysis Chair Masafumi HAGIWARA	<p>3A-1 A method of analyzing the results obtained through the impression evaluation method considering the vagueness of Kansei Shunsuke AKAI, Teruhisa HOCHIN, Hiroki NOMIYA</p> <p>3A-2 A case study on elegance of a jacket appearance using images and silhouette of jackets KyoungOk KIM, Asako NOZAWA, Tsuyoshi OTANI, Masayuki TAKATERA</p> <p>3A-3 Automatic Image Description Generation in Japanese Using Web-scale Image Dataset Tomohiko OZAWA, Masafumi HAGIWARA</p>	16:50-17:50 (20 min * 3) Room:C21-2	Session 3B Kawaii Chair Michiko OHKURA	<p>3B-1 A Study on Fashion Coordination Support System Yuu TAMABE, Hiroko SHOJI</p> <p>3B-2 Structure of Feeling Kawaii Hisao SHIIZUKA</p> <p>3B-3 Rules of Kawaii Michiko OHKURA</p>	16:50-17:50 (20 min * 3) Room:C22	Session 3C Branding and Designing Affective Products Chair Katsuari KAMEI	<p>3C-1 Unveil the Competitive Advantage of Richemont over LVMH Shinichiro TERASAKI, Shin'ya NAGASAWA</p> <p>3C-2 A Fashion Coordinate Support system Based on the Visualization of Impression Differences Yuihiro KINOSHITA, Junji YOKOYAMA</p> <p>3C-3 A Proposal of Kansei Evaluation for Traditional Vietnamese Aodal Clothes based on Computer Vision Thang CAO, Youkinobu HOSHINO</p>

The free bus departs at 18:00 at the exit of Conference Hall

18:00	The exit of Conference Hall	
19:00 - 21:00	Moji Hotel 2F	BANQUET (Moji Hotel 2F)

08-3								
9:00 - 16:30		Registration						
10:00 - 11:20 (20 min * 4) Room:C21-1	Session 4A Text Mining Chair CP Lim	<p>4A-1 Using Feature Values of Statements to Improve the Estimation Accuracy of Factor Scores of Impressions of Question and Answer Statements Yuya YOKOYAMA, Teruhisa HOCHIN, Hiroki NOMIYA, Tetsuji SATOH</p> <p>4A-2 Classification and Optimization of Product Review Information Using Soft Computing Models Choo Jun TAN, Chee Peng LIM, Yu-N CHEAH, Shing Chlang TAN</p> <p>4A-3 Analysis of Intended uses of Hygiene Masks and Their Problems: A Cross-sectional Survey Mika MORISHIMA, Koya KISHIDA, Takashi UOZUMI, Masayoshi KAMIJO</p> <p>4A-4 Text Data Mining of English Guidebooks for Hokuriku Region in Japan Hiromi BAN, Takashi OYABU</p>	10:00 - 11:20 (20 min * 4) Room:C21-2	Session 4B Affective Engineering Chair Bae Hwan Lee	<p>4B-1 The Research of Questionnaire Survey for Culture Characteristics Improvement in the Concrete Kotaro MATSUMURA</p> <p>4B-2 Reviewing the Role of the Science Fiction Special Interest Group in User Interfaces: Case of the Science Fiction Movie Shigeyoshi IIZUKA, Jun IIO, Hideyuki MATSUBARA</p> <p>4B-3 The Study for the Tendency and the Trend of Global Smart phone Won-II KWAK, Joung-Pyo HONG</p> <p>4B-4 Forecasting Emotions Provoked by Perception of Mandala Patterns based on Electroencephalogram Components Chih-Wei CHEN, Yung-Chin HSIAO, Junzo WATADA</p>	10:00 - 11:20 (20 min * 4) Room:C22	Session 4C Music Sound Chair Hisao SHIIZUKA	<p>4C-1 Study on a Music Recommendation Method Based on Combination Value Jun OKAWA, Ken KAJI, Hiroko SHOJI, Akihiro OGINO</p> <p>4C-2 Statistical Investigation on Correlation between Feeling Impression and Feature Quantity of Sound Signal Yusuke KAWAKAMI, Tetsuo HATTORI, Hiromichi KAWANO, Tetsuya IZUMI</p> <p>4C-3 Interactive Generation of Musical Expression Reflecting User's Impression Mio SUZUKI, Takehisa ONISAWA</p> <p>4C-4 The effect of soundscapes in immersive virtual environments Tilanka CHANDRASEKERA, Newton D'SOUZA, So-Yeon YOON</p>
11:20 - 13:30	Lunch		11:20 - 13:30	Lunch		11:20 - 13:30	Lunch	
13:30 - 14:50 (20 min * 4) Room:C21-1	Session 5A Brain /Bioinstrumentation 1 Chair Junzo WATADA	<p>5A-1 Mu Rhythm Suppression during Observing Group Action Hiroki TOMIHARA, Kaita HABUCHI, Hiroko WADA, Damee CHOI, Midori MOTOI, Takayuki NISHIMURA, Shigeki WATANUKI, Yeon-Kyu KIM</p> <p>5A-2 Emotion-on-a-chip (EOC) : Biochip technology for precise measurement of human emotion in affective engineering Jung-Hyun LEE, Yoosun HWANG, Hyo-II JUNG</p> <p>5A-3 Chaotic Analysis of Electroencephalographic Signal for Sleep Quality Measurement Sun K. YOO, Chung Ki LEE, Han Gue JO</p> <p>5A-4 Brain functional connectivity according to valence of social emotion Jonghwa KIM, Dongyeop LEE, Mincheol WHANG</p>	13:30 - 14:50 (20 min * 4) Room:C21-2	Session 5B Color Chair Nataliya I. KALASHNIKOVA	<p>5B-1 A Research on Characteristics of Behaviors Appearing in Coloring - Differences in Coloring Behaviors by Contexts of Colour Images WonSeok YANG, Toshimasa YAMANAKA</p> <p>5B-2 Influence of focal colors in color memory Hiroaki MIYAKE, Atsushi OSA, Takeshi KINOSHITA</p> <p>5B-3 Experiencing Color Environments by Different Age Groups: Tapping into the Potentials of VR Simulation So-Yeon YOON, Don-Han KIM</p> <p>5B-4 The Effect of Color, Material, and Finishing (CMF) on Emotional Characteristics of White Products Nooree NA, Hyeon-Jeong SUK</p>	13:30 - 14:50 (20 min * 4) Room:C22	Session 5C Design 1 Chair Toshiki YAMAOKA	<p>5C-1 Effect of variation of the layout angle of plane figures on their apparent sizes and changing proportions of rectangle Takeshi KINOSHITA, Yumie FUKUDA</p> <p>5C-2 A Study of Trademarks, Symbols and Logotypes of Japanese Corporations -in Terms of Customers' Familiarity and Affection Yoko SUZUKI, Hisashi YAMAMOTO</p> <p>5C-3 Analysis and Evaluation of Business Signs Using Deviation Values Proposal for Using Sign Deviation Values to Improve Customer Satisfaction Masaaki KOYAMA, Yuki TAKAHASHI, Hisao SHIIZUKA</p> <p>5C-4 A Formulation of Artificial Kansei Design Method Based on Multi-agent Spaces Generated by Variable Neighborhood Models Selki UBUKATA, Yasuo KUDO, Tetsuya MURAI</p>
14:50 - 15:10	Coffee Break		14:50 - 15:10	Coffee Break		14:50 - 15:10	Coffee Break	
15:10 - 16:30 (20 min * 4) Room:C21-1	Session 6A Brain/Bioinstrumentation 2 Chair Min-Cheol Whang	<p>6A-1 Autonomic Nervous Response depending on Cultural Familiarity during Watching Movie Wuon-Shik KIM, Hyung-Min CHOI, Dahyun KIM, MinhoSONG, Gi Yong NOH</p> <p>6A-2 Physiological Signals as Reference Data to evaluate Movie Engagement Sang-Tae LEE, Wuon-Shik KIM, Hyung-Min CHOI, Yongtaek HAN, Si Jung KIM</p> <p>6A-3 Respiratory Sinus Arrhythmia as an Index of Attentional Engagement during Watching Movie Wuon-Shik KIM, Hyung-Min CHOI, Jeonggeun WOO, Seunghee LEE, Hyun Kyeon LIM</p> <p>6A-4 Evaluation of Chrysanthemum Perfume Effects on Sleep Quality through Polysomnography Se Jin PARK, Myung Kug MOON, Byeong Bae JEON, Eun Ju LEE, Chang Sik WOO, Sang Hoon HAN, Murali SUBRAMANIAM, Dong Gyun KIM</p>	15:10 - 16:30 (20 min * 4) Room:C21-2	Session 6B Subjective Evaluation Chair Vyacheslav V. KALASHNIKOV	<p>6B-1 The Evaluation of Informational and Emotional Appeals of Plant Factory TV Commercials on Purchase Intention and Favorability Xiaofan ZHANG, Zhenwei YOU, Kenta ONO, Haruo HIBINO, Shinichi KOYAMA</p> <p>6B-2 Comparison of Electronic Textbook and Paper Textbook from the perspective of Users' Stress and their Evaluation Yusuke NAGAMORI, Mizuki NAKAJIMA</p> <p>6B-3 A Study on Preference of Shiso Japanese Paper - Comparison of Japan, China and France- Hongguang HU, Yuka TAKAI, Noritaka SAIKI, Akihiko GOTO, Hiroyuki HAMADA</p> <p>6B-4 Interactive Tabu Search for Creating Fragrance Suited to User's Preference Makoto FUKUMOTO, Keiji KAWAI, Makoto INOUE, Jun-ichi IMAI</p>	15:10 - 16:30 (20 min * 4) Room:C22	Session 6C Design 2 Chair Hiroko SHOJI	<p>6C-1 A proposal on a new versatile system design process for industrial design, service design and so on Toshiki YAMAOKA, Yusuke MORITA</p> <p>6C-2 Making Sense of Product Aesthetic Perception through Kansei Studies: Perspectives with African Design Oluwafemi Samuel ADELABU, Toshimasa YAMANAKA</p> <p>6C-3 A Research about Developing Informed Consent Tool for Relieving Fear for Cataract Operation Gi-Dong OH, Akira OKAZAKI, Junko HATTORI</p>
16:30 - 17:00					Closing			