



The Second Asian Conference on Vision

July 22(Mon.) - 24(Wed.), 2002
Hilton Hotel, Gyeongju, Korea

| TIME | July 21-24 | July 22 (Mon.) | July 23 (Tue.) | July 24 (Wed.) |
|-------------|-------------------|--|---|--|
| 08:40-09:00 | Regi- stration | Opening Remark | | |
| 09:00-09:50 | | Invited Talk 1: Tie-Niu Tan (CAS Institute of Automation) "Intelligent Visual Surveillance" | Invited Talk 2: Yoshimichi Ejima (Kyoto University) "Neural Correlates of Masking Effect and Simultaneous Contrast Effect, Revealed by Brain Activities in Visual Areas" | Invited Talk 3: Myung-Hoon Chun (Catholic Univ. of Korea) "Rod Pathways in the Mammalian Retina" |
| 09:50-10:50 | | Depth (O-01~O-04) Chair: Mowei Shen | Visual Neuro Science & Brain Imaging (O-15~O-18) Chair: Naoyuki Osaka | Color & Object (O-27~O-30) Chair: Hyung-Chul O. Li |
| 10:50-11:10 | | Break | | |
| 11:10-12:25 | | Motion (O-05~O-09) Chair: Jeounghoon Kim | Spatial Vision (O-19~O-23) Chair: Shinya Nishida | Attention (O-31~O-35) Chair: Satoshi Shioiri |
| 12:25-13:30 | | Lunch | | Closing Remark |
| 13:30-15:00 | | Poster Session 1 (Coffee) P-01~P-39 | Poster Session 2 (Coffee) P-40~P-77 | |
| 15:00-16:20 | | | | |
| 16:20-17:35 | | Eye Movement (O-10~O-14) Chair: Hiroyuki Kaneko | Modeling (O-24~O-26) Chair: Yull-Byung Lee | |
| 17:05-17:45 | | | Special Presentation: Seonhee Jang (Sejong Univ.) | |
| 18:00-20:00 | | Banquet | | |

July 22 (Monday)

08:40-09:00 Opening Remark

09:00-09:50 Invited Talk 1:

Intelligent Visual Surveillance

Tie-Niu Tan (CAS Institute of Automation)

09:50-10:50 Session (O-01~O-04): Depth

Chair: Mowei Shen (Zhejiang Univ.)

O-01 Visual Completion on Different Depth Planes and Different Surfaces

Mowei Shen, Zhuanghua Shi, Qing Xu (Zhejiang Univ.)

O-02 Apparent Motion and Distortion of Monocular Stimuli through Depth Capture

Koichi Shimono (Tokyo Univ. of Mercantile Marine)

Wa James Tam (Communications Research Centre Canada)

O-03 Interactions Among Pictorial Depth Cues for Static and Dynamic Depth Perception

Hiroyasu Ujike (Nat'l Inst. of Advanced Industrial Science and Technology)

Katsunori Okajima (Nat'l Defense Academy)

Shinya Saida (Nat'l Inst. of Advanced Industrial Science and Technology)

O-04 Full Parallax Image Displayed on LCD

Jung-Young Son, Vladimir V. Saveljev, Yong-Jin Choi (KIST)

10:50-11:10 Break

11:10-12:25 Session (O-05~O-09): Motion

Chair: Jeounghoon Kim (KAIST)

O-05 Type-II Plaid as a Basis of the Ouchi Illusion

Hiroshi Ashida (Kyoto Univ.)

O-06 Additive and Multiplicative Factors of the Simultaneous Jitter Illusion

Ikuya Murakami (NTT Corporation)

O-07 The Perceptual Offset Between Luminance- and Motion-defined Motions

Kazushi Maruya, Takao Sato (Univ. of Tokyo)

O-08 Motion-induced Interpolation beyond Spatial Nyquist Frequency Limit

Shin'ya Nishida (NTT Corporation)

O-09 Motion in Depth Perception Based on Monocular Motion Aftereffect

Satoshi Shioiri, Daisuke Kakehi, Hirohisa Yaguchi (Chiba Univ.)

12:25-13:30 Lunch

13:30-16:20 Poster Session 1 (P-01~P-39) (Coffee)

P-01 The Neuropsychology and ERP Study of a Visual Agnosia Patient

Yitao Liu and Zheng Shen (Peking Univ.)

P-02 Cotransplantation of Rabbit Embryonic Neural Retina with Retinal Pigment Epithelial into the Subretinal Space of Rat

Tao Yu and Yin Zengqin (Third Military Medical Univ.)

P-03 An fMR-A Research on a Visual from Agnosia Patient

Ming Wu and Zheng Shen (Peking Univ.)

P-04 The NMDA-EPSC of Neurons in the Visual Cortex of Early Developing Rats

Wei Qin, Zhengqin Yin (Third Military Medical Univ.)

- P-05 A VEP Demonstration of Neural Processes on the Perception of the Motion-defined Figure
Yuichi Kato, Harumitsu Murohashi, Takashi Morotomi (Hokkaido Univ.)
- P-06 A Patient Complained that the Right Side of Other's Lips Looked Stretched Strangely (2) -a
Clinical Report and fMRI Study
Satoshi Nakadomari (Kanagawa Rehabilitation Hospital) Ikuya Murakami (NTT Corporation)
Kenji Kitahara (The Jikei Univ. School of Medicine)
Satoru Miyauchi (Communication Research Laboratory)
- P-07 The Magnocellular Pathway Selective Activity in the Human Brain with Frequency Doubling
Technique
Kumegawa K., Kitahara K., Nakano T., Kandatsu A., Nakadomari S. (The Jikei Univ. School
of Medicine) Takeuchi H. (Kanagawa Rehabilitation Hospital) Kuriki I. (NTT Corporation)
Miyauchi S., Misaki M., Matsumoto E. (Communication Research Laboratory)
- P-08 What Information is Coded in Human V4? -Color or Saturation, or More?-
Asakawa K., Kitahara K., Kandatsu A., Nakadomari S. (The Jikei Univ. School of Medicine)
Ichihara Y. (Hosen Gakuen College)
Miyauchi S., Misaki M., Matsumoto E. (Communication Research Laboratory)
- P-09 Visual Search with Stereoscopic Disparity Cues Haruyuki Kojima (Kanazawa Univ.)
- P-10 Visual Search Efficiency is Affected by Spatial Working Memory
Sei-Hwan Oh and Min-Shik Kim (Yonsei Univ.)
- P-11 Size Underestimation of Three-dimensional Objects Shuichiro Taya, Kayo Miura (Kyushu Univ.)
- P-12 Effects of Stimulus Area on Perceived Speed of Self-motion from Optic Flow
Kaori Segawa, Hiroyasu Ujike (Nat'l Inst. of Advanced Industrial Science and Technology)
Katsunori Okajima (Nat'l Defense Academy)
Shinya Saida (Nat'l Inst. of Advanced Industrial Science and Technology)
- P-13 Relationship Between Apparent Visual Angle and Distance
Kazumi Nagata, Atsushi Osa (Yamaguchi Univ.)
Sosuke Tsukamoto (Nat'l Inst. for Longevity Science)
Takeshi Kinoshita, Hidetoshi Miike (Yamaguchi Univ.)
- P-14 Quantitative Depth of a Phantom Surface as a Function of Vergence Angle
Sachio Nakamizo (Kyushu Univ.)
- P-15 Effects of the Number of Rivalrous Patterns on Depth Perception from Binocular Rivalry
Kazumichi Matsumiya (Tokyo Inst. of Technology) Ian P. Howard (York Univ.)
Hirohiko Kaneko (Tokyo Inst. of Technology)
- P-16 Temporal Property of Vertical Size Disparity Processing for Slant Perception
Kazuho Fukuda, Hirohiko Kaneko, Kazumichi Matsumiya (Tokyo Inst. of Technology)
- P-17 A Stereo Algorithm Using Affine Transformation
Kunihiko Tanaka, Satoshi Shioiri (Chiba Univ.) Yuzo Hirai (Univ. of Tsukuba)
Hirohisa Yaguchi (Chiba Univ.)
- P-18 Effects of Viewing Distance and Experience on the Integration Process of Disparity and
Perspective for the Perception of Surface Slant
Yuichi Sakano, Hirohiko Kaneko, Kazumichi Matsumiya (Tokyo Inst. of Technology)

- P-19 Relative Luminous Efficiency Measured with the Pulfrich Effect
Masahiro Ishii, Zheng Tang, Hiroki Tamura, Yoshio Nakajima, Mamoru Takamatsu (Toyama Univ.)
- P-20 Stereo Image Understanding System for Autonomous Vehicle to Avoid Collision
Keiji Saneyoshi, Keita Tone (Tokyo Inst. of Technology)
- P-21 Spatial Aspects of the Mechanism to Process Vertical Shear Disparity for Perceived Inclination
Tsutomu Asanuma, Hirohiko Kaneko, and Kazumichi Matsumiya (Tokyo Inst. of Technology)
- P-22 Effects of Interpupillary Distance and AC/A Ratio on Binocular Fusion and Depth Perception
Jieun Bahn, Keetaek Kham (Yonsei Univ.) Jung-Young Son (KIST)
Chan Sup Chung (Yonsei Univ.)
- P-23 Disparity Tunings for Different Spatiotemporal Stimulus
Seungbae Lee, Satoshi Shioiri, Hirohisa Yaguchi (Chiba Univ.)
- P-24 Anisotropy and Individual Differences in Simultaneous Depth Contrast
Masayuki Sato (Univ. of Kitakyushu)
- P-25 A Study on the Information Integrate Strategy in Figure Recognition Procession
Liren Cao (Zhejiang Univ.)
- P-26 On a Quantitative Characterization of Periodicity in Textures for Image Library Creation
Y. V. Venkatesh, R. B. Lokesh (Indian Inst. of Science)
- P-27 View-dependency in Object Recognition is Independent of Encoding Operation in Memory
Luvsanbaldan Otgonbayar, Michiteru Kitazaki (Toyohashi Univ. of Technology)
- P-28 Effect of Edge on Shape-from-Shading
Tadamasa Sawada, Hirohiko Kaneko, Kazumichi Matsumiya (Tokyo Inst. of Technology)
- P-29 Subjective Contours with Cyclopean Inducing Elements
Masahiro Ishii, Zheng Tang, Hiroki Tamura, Yoshio Nakajima, Mamoru Takamatsu (Toyama Univ.)
- P-30 Investigating of Performance Improvement in Multi-frame Texture Segregation by Internal Noise Estimation Method
Masamitsu Harasawa, Takao Sato (Univ. of Tokyo)
- P-31 Temporal Integration of Luminance Information Contributes to Perceptual Transparency
Hiroyuki Mitsudo (Kyushu Univ.)
- P-32 Effects of Lateral Stimulation on the Identification of a Target in a Choice Reaction Task
Rika Kaneko, Yoshiki Fukunaga (Nat' Inst. of Advanced Industrial Science & Technology)
- P-33 Age-related Change in Luminous Impulse Response Function
Keizo Shinomori (Kochi Univ. of Technology) John S. Werner (Univ. of California, Davis)
- P-34 Contrast Dependence of EFRP (Eye-fixation Related Potential) and Pattern-onset VEP (Visual Evoked Potential)
Koji Kazai, Nobuhiro Kanamori (Kwansei Gakuin Univ.)
Masayoshi Nagai (Kyoto Univ.) Akihiro Yagi (Kwansei Gakuin Univ.)
- P-35 Anorthoscopic Perception at Isoluminance
Sunaga Shoji, Atsuyoshi Koga, Yukio Yamashita (Kyushu Inst. of Design)
- P-36 Change in shape of Impulse Response Functions in Different Spatial Frequencies
Masaharu Hirayama, Keizo Shinomori (Kochi Univ.)
- P-37 What Makes Individual Differences in Spatial Working Memory?
Min-Young Kwon, Min-Shik Kim (Yonsei Univ.)

- P-38 Reconstruction of Three-dimensional Structure is Facilitated by Implicit Long-term Memory
Yurie Nishino and Masahiro Suzuki (Chukyo Univ.)
- P-39 A Comparison of Retinal Afterimage Colour by the Apparent Motion Method and the
Cancellation Method Katsuaki Sakata (Joshi Univ. of Art and Design)

16:20-17:35 **Session (O-10~O-14) : Eye Movement**

Chair: Hirohiko Kaneko (Tokyo Inst. of Technology)

- O-10 Horizontal Vergence Evoked by Differential Perspective
Hirohiko Kaneko, Kazumichi Matsumiya (Tokyo Inst. of Technology)
- O-11 Expansion of Visual Space after Saccadic Eye Movements
Soohyun Cho, Choongkil Lee (Seoul Nat'l Univ.)
- O-12 Distortion in 2D Shape Perception and Relative Localization Errors with Pursuit in the Presence
of References Hyung-Chul O. Li, Jang-Han Yoon (Kwangwoon Univ.)
- O-13 Dynamic Aspects of Gaze Perception Takao Sato and Naoyuki Matsuzaki (Univ. of Tokyo)
- O-14 Visual Control of Posture: Effects of Heading Direction and Object Motion
Michiteru Kitazaki and Isanobu Kurose (Toyo Univ. of Technology)

July 23 (Tuesday)

09:00-09:50 **Invited Talk 2:**

**Neural Correlates of Masking Effect and Simultaneous Contrast Effect, Revealed by Brain
Activities in Visual Areas** Yoshimichi Ejima (Kyoto University)

09:50-10:50 **Session (O-15~O-18) : Visual Neuro Science & Brain Imaging**

Chair: Naoyuki Osaka (Kyoto Univ.)

- O-15 Adaptation and After-effects to Prolonged Optic Flow Stimuli in Cat Striate Cortex and Area PMLS
Bing Li, Ying Xu, Yun-Cheng Diao (Chinese Academy of Sciences)
- O-16 Contrast Dependence of Simple Reaction Time and Magnetic Response in the Human Early
Visual Cortex Yoshio Ohtani (Kyoto Inst. of Technology), Naokazu Goda (ATR-Int'l)
Yoshimichi Ejima (Kyoto Univ.)
- O-17 An Emotion-based Word Associated with Laughing Face Activates Laughter Module in the Human
Brain: An fMRI Study
Naoyuki Osaka (Kyoto Univ.) Mariko Osaka (Osaka Univ. of Foreign Studies)
Hirohito Kondo, Masanao Morishita, Hidenao Fukuyama, Hiroshi Shibasaki (Kyoto Univ.)
- O-18 Activation of Low-level Visual Regions Correspond to Complexity of Figure from Motion : an
fMRI Study
H. Ban (Kyoto Univ.) M. Fukunaga (Meiji Univ. of Oriental Med.)
H. Yamamoto (Kyoto Univ.) S. Takahashi (Kyoto City Univ. of Arts)
C. Tanaka, T. Ebisu, M. Umeda (Meiji Univ. of Oriental Med.) Y. Ejima (Kyoto Univ.)

10:50-11:10 **Break**

11:10-12:25 **Session (O-19~O-23) : Spatial Vision**

Chair: Shinya Nishida (NTT Corp.)

- O-19 Visual Simultaneity Varies with the Stimulus Position in the Visual Field
Makoto Ichikawa (Yamaguchi Univ.)
- O-20 Adaptability of Visual Stability Mechanism Depends on Visual Field
Katsunori Okajima, Kunimitsu Takahara, Masanori Takase (Nat'l Defense Academy)
- O-21 Snakes and Ladders: Evidence for an OAssociation FieldP
Anthony Hayes (The Univ. of Hong Kong)
- O-22 Perceived Shifts of Flashed Stimuli by Visible and Invisible Object Motion
Katsumi Watanabe (Nat'l Eye Inst.) Takashi Sato (Vanderbilt Univ.)
Shinsuke Shimojo (NTT CS Lab.)
- O-23 Ability to Find a Way and That to Acquire a Cognitive Map are Related Differently with Spatial Abilities
Masao Ohmi, Masaki Arai (Kanazawa Inst. of Technology)
- 12:25-13:30 Lunch
- 13:30-16:20 **Poster Session 2 (P-40~P-77)** (Coffee)
- P-40 Inhibition of Return in Visual Search is Preserved During Aging
Yuji Takeda (Nat'l Inst. of Advanced Industrial Science and Technology)
- P-41 Signal Enhancement by Covert Attention in Visual Search
Shigekazu Takei (Univ. of Tokyo) Tatsuto Takeuchi (NTT Corporation)
Kazuhiko Yokosawa (Univ. of Tokyo)
- P-42 A Topological Approach to Perceptual Objects in Selective Attention
Ke Zhou, Xun He, Lin Chen (Chinese Academy of Sciences)
- P-43 Multiple Object-based IOR: How Many Objects Can Be Inhibited?
Hirokazu Ogawa (Kwansei Gakuin Univ.)
Yuji Takeda (Nat'l Inst. of Advanced Industrial Science and Technology)
Akihiro Yagi (Kwansei Gakuin Univ.)
- P-44 Asymmetries of Near and Far Space in Early Location-based Selection: Evidence by Event-related Brain Potentials
Tetsuko Kasai
- P-45 The Effect of Spatial Attention to Visual Imagery Representation on Alpha Activity
Keiko Yamazaki, Yuichi Kato, Harumitsu Murohashi, Takashi Morotomi (Hokkaido Univ.)
- P-46 Attention is Necessary for the Recognition of Viewpoint-Specific Novel Object
Young-Sook Sohn, Hyun-Kyu Lee, Annie Ok, Min-Shik Kim (Yonsei Univ.)
- P-47 Effects of Attention on Depth Perception of the Necker Cube
Ayano Matsuura, Makoto Ichikawa (Yamaguchi Univ.)
- P-48 The Influence of Illumination and Surface on Color Constancy
Mowei Shen, Shuo Chen, Rende Shui (Zhejiang Univ.)
- P-49 Color Discrimination Thresholds for Various Red/Green Opponent-Color Component of Background Field
Taisuke Inamura, Ken-ichiro Kawamoto, Hirohisa Yaguchi, Satoshi Shioiri (Chiba Univ.)
- P-50 The Psychological Effects of Non-typical-combination of Color and Object
Miho Oki, Makoto Ichikawa (Yamaguchi Univ.)

- P-51 Apparent Weight of Color Kumiko Shinohara, Makoto Ichikawa, Hidetoshi Miike
Atushi Osa, Takeshi Kinoshita (Yamaguchi Univ.)
- P-52 Color Perception in the Small Visual Angles
Yoshio Nakashima, Mamoru Takamatsu, Masahiro Ishii (Toyama Univ.)
- P-53 Shift of Perceived Munsell Value and Chroma in Dense Fog
Mamoru Takamatsu, Yoshio Nakashima, Masahiro Ishii (Toyama Univ.)
- P-54 Set-size Effects Unveil the Role of Higher-order Color Perception in Heterochromatic Visual
Search Kenji Yokoi, Keiji Uchikawa (Tokyo Inst. of Technology)
- P-55 Chromatic and Achromatic Discrimination Thresholds under a Sudden Change in Adaptation
Condition Yuki Tsukada, Yoshinori Toyofuku (Nat'l traffic Safety and Environment Laboratory)
- P-56 Separation of Red and Green Channels with Sawtooth Adaptation Stimuli
Yoshinao Fukada, Keizo Shinomori (Kochi Univ. of Technology)
- P-57 Change of Color Appearance in Mesopic Vision
JaeChul Shin, Kumiko Kikuchi, Hirohisa Yaguchi, Satoshi Shioiri (Chiba Univ.)
- P-58 Temporal Frequency Characteristics of Color Discrimination in the (L, M) Plane of Cone Contrast
Space Ken-ichiro Kawamoto, Hirohisa Yaguchi, Satoshi Shioiri (Chiba Univ.)
Fumio Okuyama (Suzuka Univ. of Medical Science)
- P-59 Perceptual Color Matching Between CRT-Display and Color Chips
Ayumi Hazama, Katsunori Okajima, Kenji Yokoi, Keiji Uchikawa
Masahiro Yamaguchi, Koichi Kita (Tokyo Inst. of Technology)
- P-60 Effects of Cone Contrast on Chromatic Assimilation
Osamu Masuda, Keiji Uchikawa, Kenji Yokoi (Tokyo Inst. of Technology)
- P-61 Effect of R/g Contrast Between Two Inhomogeneous Surfaces on Color Appearance of
Chromaticities in Each Surface
Taketoshi Uchida, Keiji Uchikawa, Kenji Yokoi (Tokyo Inst. of Technology)
- P-62 Unsupervised Learning of View-based Representation for 3D Object Vision
Hyun Jin Park, Ju Ho Lee, Hyun Seung Yang (KAIST)
- P-63 The Real-time Moving Object Tracking System Based on the Block-based Image Difference
Algorithm Dowhan Kim, Kyungjoo Cheoi, Yillbyung Lee (Yonsei Univ.)
- P-64 Interactive Motion Editing System Using Motion Capture Data
Hyun-Sook Chung and Yillbyung Lee (Yonsei Univ.)
- P-65 Accommodative Responses to the Super-multi View (SMV) Images
Hisaki Nate, Masaya Shimomatsu, Kenji Susami (TAO of Japan) Kousuke Iwane (Chiba Univ.)
Toshifumi Mihashi (Topcon Corporation) Toyohiko Hatada, Toshio Honda (TAO of Japan)
- P-66 Insensible Text Modifications During Saccades
Takanori Terashima, Masashi Toda, Takeshi Nagasaki, Toshio Kawashima (Future Univ. Hakodate)
- P-67 Analyzing Discrepancy of Subjective Refractive Error and Objective Refractive Error with Ocular
Wavefront Sensing Toshifumi Mihashi, Tatsuo Yamaguchi, Yoko Hirohara (Topcon Corporation)
Naoyuki Maeda, Teruhito Kuroda, Takashi Fujikado (Osaka Univ.)
- P-68 Vergence Eye Movements Elicited by Changing-size of Retinal Image Under Open-loop Condition
Ryo Kozawa, Hiroyasu Ujike

- Shinya Saida (Nat'l Inst. of Advanced Industrial Science and Technology)
- P-69 A Muscle-based Facial Expression System Operating with a Dimensional Model of Internal States
Jaehyun Han, Chan-Sup Chung (Yonsei Univ.)
- P-70 Face Detection by PCA Mixture Model
Bong-Jin Jun, Hyun-Chul Kim, Sung-Cheol Park, Sung-Yang Bang (POSTECH)
- P-71 Faces and Voices: Can We Predict One from the Other?
Miyuki Kamachi, Harold Hill (ATR Int'l) Karen Lander (Univ. of Manchester)
Eric Vatikiotis-Bateson (ATR Int'l)
- P-72 Software for Surface-based Analysis and Visualization of fMRI Data
H. Yamamoto (Kyoto Univ.) S. Takahashi (Kyoto City Univ. of Arts)
M. Fukunaga, C. Tanaka, T. Ebisu, M. Umeda (Meiji Univ. of Oriental Med.) Y. Ejima (Kyoto Univ.)
- P-73 Affective Components of Facial Beauty
HanKyung Kim, SooJin Park, Chansup Chung (Yonsei Univ.)
- P-74 Facial-Feature Aftereffect in the Face Recognition Woo Hyun Jung, Hyun Seung Yang (KAIST)
- P-75 Interaction between Vision and Audition in the Psychological Active Noise Control
Yuko Masakura, Makoto Ichikawa (Yamaguchi Univ.)
- P-76 The Effect of Apparent Self-motion Perception on the Oculomotor Performance
W. Teramoto (Kobe Univ.) H. Umemura, H. Watanabe, K. Matsuoka (AIST) S. Kita (Kobe Univ.)
- P-77 Perceived Direction of Self-motion from Visual and Vestibular Sensory Intergration
Kenzo Sakurai, Ayako Kikuchi, Risa Kikuchi, Youhei Misawa (Tohoku Gakuin Univ.)
- 16:20-17:05 **Session (O-24~O-26): Modeling** Chair: Yill-Byung Lee (YonseiUniv.)
- O-24 A Novel Self-Organization Map-based Method for Stereo-Disparity Analysis
Y. V. Venkatesh, N. Rishikesh, G. R. K. S. Subrahmanyam (Indian Inst. of Science)
- O-25 A Recurrent Neural Network for Edge Linking and Enhancement
Ho Joon Kim (Handong Univ.) Hyun Seung Yang (KAIST)
- O-26 Prediction of the Suitability for Template-matching
S. N. Pang, Daijin Kim, S. Y. Bang (POSTECH)
- 17:05-17:45 **Special Presentation** Seonhee Jang (Sejong Univ.)
- 18:00-20:00 Banquet

July 24 (Wednesday)

- 09:00-09:50 **Invited Talk 3:**
Rod Pathways in the Mammalian Retina Myung-Hoon Chun (Catholic Univ. of Korea)

- 09:50-10:50 **Session(O-27~O-30): Color & Object** Chair: Hyung-Chul O. Li (KwangwoonUniv)
- O-27 Study on Color-contrast Effect by Using Psychophysics and fMRI I. Kuriki (NTT Corporation)
 S. Nakadomari, H. Takeuchi, A. Kandatsu (The Jikei Univ. School of Medicine)
 S. Miyauchi (Communications Research Laboratory)
 K. Kitahara (The Jikei Univ. School of Medicine)
- O-28 Dynamic Coherence Analysis of Chinese Character Fragments Integration
 Zhuanghua Shi, Mowei Shen, Rende Shui (Zhejiang Univ.)
- O-29 Recognition and Discrimination of Synthetic Korean Faces
 Jeounghoon Kim (KAIST), Hugh Wilson, Frances Wilkinson (York Univ.)
- O-30 Estimating the Efficiency of Recognizing Gender and Affect from Biological Motion
 Frank E. Pollick, Vaia Lestou (Glasgow Univ.) Jungwon Ryu, Sung-Bae Cho (Yonsei Univ.)
- 11:10-12:25 **Session (O-31~O-35): Attention** Chair: Satoshi Shioiri (Chiba Univ.)
- O-3 Salient Object Detection Using Biologically Motivated Features
 Kyungjoo Cheoi, Yillbyung Lee (Yonsei Univ.)
- O-32 A Computational Model for Object-Based Selective Attention
 Wang Lu, Zhao Xunpo, Hu Zhanyi (Inst. of Automation Chinese Academy of Sciences)
- O-33 Controlling the Spatial Extend of Visual Attention
 Kazuya Matsubara, Michihiro Nakazawa, Satoshi Shioiri, Hirohisa Yaguchi (Chiba Univ.)
- O-34 Visual Search Does Not Remain Efficient When Working Memory is Working
 Sang-Hoon Han, Min-Shik Kim (Yonsei Univ.)
- O-35 Independence of Prior-knowledge on Inter-trial Facilitation in Visual Search
 Takatsune Kumada (Nat'l Inst. of Advanced Industrial Science and Technology)
- 12:25-13:30 Closing Remark

Organizing Committee

Chair Chan-Sup Chung, Yonsei Univ., Korea (cschung@yonsei.ac.kr)
Co-Chair Chao-Yi Li, Inst. of Neuroscience of Chinese Academy of Science, China (cyli@ion.ac.cn)
Co-Chair Keiji Uchikawa, Tokyo Inst. of Tech., Japan (uchikawa@isl.titech.ac.jp)
Jung-Oh Kim, Seoul Nat'l Univ., Korea (jungokim@plaza.snu.ac.kr)
Sung-Yang Bang, Pohang Inst. of Science & Tech., Korea (sybang@postech.ac.kr)
Yill-Byung Lee, Yonsei Univ., Korea (yblee@csai.yonsei.ac.kr)
Seong-Whan Lee, Korea Univ., Korea (swlee@image.korea.ac.kr)
Shu-Rong Wang, Chinese Academy of Sci., China (wangsr@sun5.ibp.ac.cn)
M. V. Srinivasan, Australian Nat'l Univ., Australia (M.Srinivasan@anu.edu.au)
Tian-De Shou, Fudan Univ., China (tdshou@fudan.edu.cn)
Fan-Ji Gu, Fudan Univ., China (fjgu@fudan.edu.cn)
Satoshi Shioiri, Chiba Univ., Japan (shioiri@image.tp.chiba-u.ac.jp)
Masao Ohmi, Kanazawa Inst. of Tech., Japan (ohmi@his.kanazawa-it.ac.jp)
Testuo Kawahara, Kanazawa Inst. of Tech., Japan (kawa@his.kanazawa-it.ac.jp)
Kazuhiko Ukai, Waseda Univ., Japan (ukai@waseda.jp)
Frank Pollick, Univ. of Glassgow, UK (frank@psy.gla.ac.uk)

Program Committee

Chair Choongkil Lee, Seoul Nat'l Univ., Korea (cklee@snu.ac.kr)
Co-Chair Lin Chen, Chinese Univ. of Sci. & Tech., China (lchen@public.bta.net.cn)
Co-Chair Makoto Ichikawa, Yamaguchi Univ., Japan (ichikawa@kde.yamaguchi-u.ac.jp)
Hyung-Chul O. Li, Kwangwoon Univ., Korea (hyung@daisy.kwanwoon.ac.kr)
MinShik Kim, Yonsei Univ., Korea (kimm@yonsei.ac.kr)
Jeounghoon Kim, KAIST, Korea (miru@kaist.ac.kr)
Jeong-Min Hwang, Seoul Nat'l Univ. of Medicine, Korea (hjm@snu.ac.kr)
Hyun Seong Yang, KAIST, Korea (hsyang@cs.kaist.ac.kr)
Hyeran Byun, Yonsei Univ., Korea (hrbyun@aipiri.yonsei.ac.kr)
Masahiro Ishii, Toyama Univ., Japan (ishii@iis.toyama-u.ac.jp)
Satoko Ohtsuka, Univ. of Tokyo, Japan (sohtsuka@iml.u-tokyo.ac.jp)
Masayuki Sato, Univ. of Kitakyushu, Japan (msato@env.kitakyu-u.ac.jp)
Shoji Sunaga, Kyushu Inst. of .Design, Japan (sunaga@kyushu-id.ac.jp)
Hirohiko Kaneko, Tokyo Inst. of .Tech., Japan (kaneko@isl.titech.ac.jp)
Tiande Shou, Fudan Univ., China (tdshou@fudan.edu.cn)
Chon-wen Shyi, Nat'l Chung-Cheng Univ., Taiwan (psycws@ccunix.ccu.edu.tw)
Tieniu Tan, Chinese Academy of Sci., Chin (tnt@sycamore.ia.ac.cn)
Hongbin Zha, Beijing Univ., Chin (zha@cis.pku.edu.cn)
Shu-Rong Wang, Chinese Academy of Sci., China (srwang@hotmail.com)
Y. V. Venkatesh, Indian Inst. of Sci., India (eleyvv@nus.edu.sg)

Local Arrangement Committee

Chair Keetaek Kham, Yonsei Univ., Korea (kham@yonsei.ac.kr)
Soo-Jin Park, Yonsei Univ., Korea (eulb@psylab.yonsei.ac.kr)
Seonhee Chang, Sejong Univ., Korea (sunny@kunjasejong.ac.kr)