Program

Oct 31 (Wed)

8:20-8:30
Opening Remark
> Ryusuke Kakigi (National Institute for Physiological Sciences)

8:30-9:30
Keynote Lecture 1

> Chair: Tetsuya Iidaka (Nagoya University)

> James Haxby (Dartmouth College, USA)
> "A common, high-dimensional model of the representational space for faces and objects in ventral temporal cortex"

9:30-9:45 -----------*Coffee Break*-----------

Session 1

> Chair: Tetsuya Iidaka (Nagoya University)
> James Haxby (Dartmouth College, USA)

9:45-10:30
> Kalanit Grill-Spector (Stanford University, USA)
> "The neural bases of face recognition in humans"

10:30-11:15
> Maria Ida Gobbini (Dartmouth College, USA)
> "Distributed neural system for face recognition"

11:15-11:45
> Tetsuya Iidaka (Nagoya University)
> "Distinct neural correlates of empathy for happy and sad emotions: 3T fMRI study"

11:45-13:15 -----------*Lunch*-----------

Program

Oct 31 (Wed)

Session 2

Chair: Ryusuke Kakigi (National Institute for Physiological Sciences)
Bruno Rossion (Universite Catholique de Louvain, Belgium)

13:15-14:00

Bruno Rossion (Universite Catholique de Louvain, Belgium)
"Understanding face perception by means of fast periodic visual stimulation"

14:00-14:45

Margot J. Taylor (University of Toronto, Canada)
"Development of face processing: Recognizing faces and their emotions"

14:45-15:15

Shozo Tobimatsu (Kyushu University)
"Electrophysiological approach to human face perception: importance of stimulus manipulation"

15:15-15:30 -----------*Coffee Break*-----------

15:30-16:15

Ana Susac (University of Zagreb, Croatia)
"Neurodynamics of very early face processing"

16:15-17:00

Andreas Ioannides (AAI Scientific Cultural Services Ltd, Cyprus)
"Why face processing in the human brain is fast: clues from categorization and emotion analysis"

17:00-17:30

Ryusuke Kakigi (National Institute for Physiological Sciences)
"Face inversion effect: MEG/EEG study"

18:00-20:00
Welcome Reception (Okazaki Conference Center)

Program

Nov 1 (Thu)

8:30-9:30
Keynote Lecture 2

Chair: Satoshi Eifuku (University of Toyama)
Doris Y. Tsao (California Institute of Technology, USA)
"The neural machinery for processing faces"

9:30-9:45 ------------*Coffee Break*-----------

Session 3

Chair: Satoshi Eifuku (University of Toyama)
Doris Y. Tsao (California Institute of Technology, USA)

9:45-10:15
Manabu Tanifuji (RIKEN, Brain Science Institute)
"Neural mechanisms to represent information about face category and visual features simultaneously in inferotemporal cortex"

10:15-11:00
Winrich A. Freiwald (The Rockefeller University, USA)
"On the neural basis of face recognition"

11:00-11:30
Yoichi Sugita (Waseda University)
"Face perception in monkeys before and after seeing flesh faces"

11:30-12:00
Satoshi Eifuku (University of Toyama)
"Neural representations of perceptual and semantic identities of individuals in the ventral anterior inferior temporal cortex of monkeys"

12:00-17:00
Excursion to *Asuke* area (with lunch)

17:00-19:00
Poster Session Core Time (with light meals and beverages)

Program

Nov 2 (Fri)

8:30-9:30
Keynote Lecture 3
Chair: Masumi Inagaki (National Center of Neurology and Psychiatry)
K. Suzanne Scherf (Pennsylvania State University, USA)
"Atypical development of face perception in autism"

9:30-9:45 -----------*Coffee Break*-----------

Session 4
Chair: Masumi Inagaki (National Center of Neurology and Psychiatry)
K. Suzanne Scherf (Pennsylvania State University, USA)
9:45-10:30
Joseph P. McCleery (University of Birmingham, UK)
"Human face and body action processing in infants at risk for autism"

10:30-11:00
Miho Nakamura (The Institute for Developmental Research)
"Face perception in patients with Williams syndrome: Neuropsychological and neurophysiological findings"

11:00-11:45
Daniel Messinger (University of Miami, USA)
"The development of face perception in the context of infant emotional expressions: A computer vision perspective"

11:45-12:15
Masumi Inagaki (National Center of Neurology and Psychiatry)
"Neurophysiological alteration of face recognition in ASD children"

12:15-13:30 -----------*Lunch*-----------

Program

Nov 2 (Fri)

Session 5

Chair: Shigeru Akamatsu (Hosei University)
Helmut Leder (University of Vienna, Austria)

13:30-14:15
  Timothy Bickmore (Northeastern University, USA)
  "Relational agents for patient education and counseling"

14:15-15:00
  Yiannis Demiris (Imperial College London, UK)
  "Bioinspired generative computational models of action perception"

15:00-15:30
  Motoaki Sugiura (Tohoku University)
  "Self-face recognition as revealed by fMRI"

15:30-15:45 -----------*Coffee Break*-----------

15:45-16:30
  Helmut Leder (University of Vienna, Austria)
  "Appreciation and perception of faces"

16:30-17:15
  Alexander Todorov (Princeton University, USA)
  "Social perception of faces"

17:15-17:45
  Takashi Tsukiura (Kyoto University)
  "Remembering faces: The impact of face-based social signals on memory for faces"

18:30-21:00
Banquet (Okazaki Conference Center)

Program

Nov 3 (Sat)

8:30-9:30
Keynote Lecture 4

Chair: Masami K. Yamaguchi (Chuo University)
Gillian Rhodes (The University of Western Australia, Australia)
"Adaptive processes in normal and disordered face perception"

9:30-9:45 -----------*Coffee Break*-----------

Session 6

Chair: Masami K. Yamaguchi (Chuo University)
Gillian Rhodes (The University of Western Australia, Australia)
9:45-10:30
Harold Hill (University of Wollongong, Australia)
"Exploring face space: Linking perceived and measured face shape"

10:30-11:15
Alice J. O'Toole (The University of Texas at Dallas, USA)
"Understanding the neural representation of facial identity, race and viewpoint:
Constraining the neural with the perceptual"

11:15-11:45
Masami K. Yamaguchi (Chuo University)
"Infant's face perception: NIRS studies"

11:45-13:15 -----------*Lunch*-----------

13:15-14:00
Ken Nakayama (Harvard University, USA)
"What is developmental prosopagnosia?"

14:00-14:45
Shinsuke Shimojo (California Institute of Technology, USA)
"Preferences of faces and other objects - behavioral and neural correlates"

14:45-15:45
Closing Lecture

Chair: Masami K. Yamaguchi (Chuo University)
Olivier Pascalis (Université Pierre Mendès France, France)
"The role of experience on the development of face processing during the first year of
life"

15:45-16:00
Concluding Remark
Ryusuke Kakigi (National Institute for Physiological Sciences)

Poster

Nov 1 (Thu)
17:00-19:00

P1   Initial and life-long development in face perception ~comparative approaches onto face perception~
    Ikuma Adachi, Christoph Dahl

P2   Automatic face image generation system for transforming three dimensions of higher-order impression and its applications
    Shigeru Akamatsu, Hanae Ishi, Yoshinori Inaba

P3   Broadly tuned face and hand representations in human high-level visual cortex.
    Nicolas Davidenko, Kevin S. Weiner, Kalanit Grill-Spector

P4   Fine-grained face discrimination as evidenced by fast periodic visual stimulation
    Adélaïde de Heering, Joan Liu-Shuang, Anthony M. Norcia, Bruno Rossion

P5   Basis of the individual differences in configural face processing.
    Hirokazu Doi, Kazuyuki Shinohara

P6   Atypical updating of face representations with experience in children with autism
    Louise Ewing

P7   Facial identity recognition in children with autism spectrum disorders revealed by P300 analysis
    Atsuko Gunji, Takaaki Goto, Yosuke Kita, Ryusuke Sakuma, Naomi Kokubo,
    Toshihide Koike, Kotoe Sakihara, Makiko Kaga, Masumi Inagaki

P8   Verbalizing featural information before recognition task causes processing shift of face recognition
    Aya Hatano, Shinji Kitagami, Jun Kawaguchi

P9   It is in the eye but not that early
    Anne Hillairet de Boisferon

P10   Atypical gaze behavior towards face images in individuals with Williams Syndrome: An eye-tracking study
    Masahiro Hirai, Miho Nakamura, Yukako Muramatsu, Naoko Hayashi,
    Hirokazu Kurahashi, Seiji Mizuno

P11   Infants' brain activity for the faces with contrast-negated eyes
    Hiroko Ichikawa, Yumiko Otsuka, So Kanazawa, Masami K. Yamaguchi, Ryusuke Kakigi

Poster

Nov 1 (Thu)
17:00-19:00

P12 Quantification of the correspondence between the changes in facial expressions and the degree of emotions
  Masaki Ishii, Toshio Shimodate, Yoichi Kageyama, Tsuyoshi Takahashi, Makoto Nishida

P13 Developmental change of sensitivity to threatening faces in children with autism spectrum disorders
  Tomoko Isomura, Nobuo Masataka

P14 Children's face identity representations are no more view-specific than those of adults
  Linda Jeffery, Cameron Rathbone, Ainsley Read, Gillian Rhodes

P15 Intra-cerebral electrical stimulation of a face-sensitive cortical area causes transient specific impairment in face recognition
  Jacques Jonas, Médéric Descoins, Laurent Koessler, Sophie Colnat-Coulbois,
  Bruno Rossion, Louis Maillard

P16 Attractive faces enhance cognitive performance
  Shogo Kajimura, Toshiyuki Himichi, Michio Nomura

P17 Imaging and decoding of semantic responses related to visual stimuli by electrocorticogram
  Kyousuke Kamada, Naoto Kunii, Kensuke Kawai, Nobuhito Saito

P18 The syllable congruency of audio-visual speech stimuli and the response timing in the ventriloquism with bilateral visual presentations.
  Shoko Kanaya, Kazuhiko Yokosawa

P19 Quantitative analysis of features and impressions among faces belonging to different categories
  Masahide Kaneko

P20 The role of local and global configuration for the visual word form processing in the occipitotemporal cortex
  Chien-Hui Kao, Chien-Chung Chen

P21 Attentional control and metacognition in temporal visual search tasks with distracting face images
  Jun Kawahara, Shiori Sato

Poster

Nov 1 (Thu)
17:00-19:00

P22   A randomized controlled trial of a cognitive-behavioral intervention for emotion regulation in adults with high-functioning autism spectrum disorders
    Yuki Kawakubo, Miho Kuroda, Yukiko Kano

P23   Inferring mental state from eye gaze in Parkinson's disease
    Mitsuru Kawamura, Natsuko Tsuruya, Mutsutaka Kobayakawa

P24   Early visual experience and the recognition of facial expressions: Involvement of the middle temporal and inferior frontal gyri in haptic identification by the early blind
    Ryo Kitada, Yuko Okamoto, Akihiro T. Sasaki, Takanori Kochiyama,
    Motohide Miyahara, Susan J. Lederman, Norihiro Sadato

P25   Sparse modeling for face identification in monkey anterior temporal cortical areas
    Jun Kitazono, Kenji Nagata, Satoshi Eifuku, Ryoi Tamura,Masato Okada

P26   Selective attention to attractive faces
    Nadine Kloth, Lindsey Short, Gillian Rhodes

P27   Development of facial representation in infancy: NIRS-adaptation study
    Megumi Kobayashi, Yumiko Otsuka, So Kanazawa, Masami K. Yamaguchi,
    Ryusuke Kakigi

P28   Facial attractiveness in macaque monkeys
    Hiroki Koda, Nobuyuki Kawai

P29   Facial identity influences facial expression recognition: A high-density ERP study
    Sahoko Komatsu, Katsuya Ogata, Shizuka Horie, Yuji Hakoda, Shozo Tobimatsu

P30   Visualization of age-dependent and age-independent features of child's face
    Masashi Komori, Hiroshi Nittono

P31   Mere Exposure Effect towards Face Stimuli Reflected in Gamma Oscillation: EEG study
    Nutchakan Kongthong, Tetsuto Minami, Shigeki Nakauchi

P32   Understanding individual face perception by means of fast periodic visual stimulation
    Joan Liu-Shuang, Anthony M. Norcia, Bruno Rossion

Poster

Nov 1 (Thu)
17:00-19:00

P33 Spontaneous Facial Emotion Discrimination in Individuals with Fragile X Syndrome and Autism Spectrum Disorders
Hayley Mace, Jo Moss, Chris Oliver, Giles Anderson, Joseph McCleery

P34 Applying a comprehensive Face - Expression Expert Program (FEEP) for children with autism spectrum disorders
Soichiro Matsuda, Junichi Yamamoto

P35 Infants prefer the faces of strangers or mothers to morphed faces: an uncanny valley between social novelty and familiarity
Yoshi-Taka Matsuda, Yoko Okamoto, Misako Ida, Kazuo Okanoya,
Masako Myowa-Yakakoshi

P36 Visual face aftereffects from haptic exploration of a face
Kazumichi Matsumiya

P37 Local field potentials for global categorization in monkey inferior temporal cortex
Narihisa Matsumoto, Yasuko Sugase-Miyamoto, Kenji Kawano

P38 The development of the perception of facial emotional change examined using ERPs
Kensaku Miki, Ryusuke Kakigi

P39 Facial color and inversion effect: an EEG study
Tetsuto Minami, Linda Changvisommid, Kae Nakajima, and Shigeki Nakauchi

P40 Face and voice processing in marmoset temporal neural circuit
Naohisa Miyakawa, Taku Banno, Wataru Suzuki, Noritaka Ichinohe

P41 The roles of anterior insula and anterior cingulate cortex in emotional processing associated with self-evaluation of the face
Tomoyo Morita, Hiroki C. Tanabe, Akihiro T. Sasaki, Koji Shimada, Ryusuke Kakigi,
Norihiro Sadato

P42 Effect of face color on face-selective regions
Kae Nakajima, Testuto Minami, Shigeki Nakauchi

Poster

Nov 1 (Thu)
17:00-19:00

P43   Comparing eye movements during impression judgment of faces in different personality traits: analysis of fixation locations and durations
  Natsuko Nakamura, Ayumi Maruyama, Hanae Ishi, Shigeru Akamatsu

P44   Blink-related momentary activation of the default mode network while viewing videos
  Tamami Nakano, Makoto Kato, Yusuke Morito, Seishi Itoi, Shigeru Kitazawa

P45   Eye Gaze and Human-agent Communication
  Yukiko Nakano

P46   What facial information is important for rapid detection of the face? : Comparative cognitive studies between humans and monkeys
  Ryuzaburo Nakata, Ryoi Tamura, Satoshi Eifuku

P47   Face processing in infants by near-infrared spectroscopy (NIRS)
  Emi Nakato

P48   Effects of threat-relevant and threat-irrelevant negative expressions on social attention orienting to eye gaze
  Yuka Nishiyama, Jun Kawaguchi

P49   The role of contrast polarity of eyes on face recognition by 7-to-8month-olds
  Yumiko Otsuka, Isamu Motoyoshi, Harold Hill, Megumi Kobayashi,
  So Kanazawa, Masami K Yamaguchi

P50   Computational approach to estimate visual features represented by face selective cells in macaque anterior inferior temporal cortex
  Takashi Owaki, Michel Vidal-Naquet, Takayuki Sato, Go Uchida, Hideyuki Cateau,
  Simon Ullman, Manabu Tanifuji

P51   Infants' face perception under different lighting conditions
  Yuiko Sakuta, Masami K. Yamaguchi, So Kanazawa

P52   PrimFace: Face database of non-human primates
  Takayuki Sato, Ryuzaburo Nakata, Taku Banno, and Narihisa Matsumoto

P53   Face inversion decreased information about facial identity and expression in face responsive neurons of macaque inferior temporal cortex
  Y. Sugase-Miyamoto, N. Matsumoto, K. Ohyama, K. Kawano

Poster

Nov 1 (Thu)
17:00-19:00

P54   Is this a new type of progressive prosopagnosia?
Azusa Sugimoto, Shinichi Koyama, Akira Midorikawa, Akinori Futamura, Mitsuru Kawamura

P55   Relationship between the trait and emotion dimensions of face perception
Atsunobu Suzuki, Nobuyuki Watanabe, Ryuta Suzuki, Hiroyuki Yoshida, Hiroshi Yamada

P56   Neural substrates involved in recognition of tears on the face: an fMRI study
Haruka K. Takahashi, Ryo Kitada, Akihiro T. Sasaki, Hiroaki Kawamichi, Norihiro Sadato

P57   Representation of Target Identity in the Monkey Hippocampus
Ryoi Tamura, Satoshi Eifuku

P58   Mapping human face and object responsive visual areas by spin-echo and gradient-echo fMRI
Topi Tanskanen, R. Allen Waggoner, Kenichi Ueno, Keiji Tanaka, Kang Cheng

P59   Facial behavioral communication markers in three-party conversations
Hiroko Tokunaga, Naoki Mukawa, Masahide Yuasa, Atsushi Kimura

P60   Prediction of face image by biographical information
Satoshi Tsujimoto

P61   Geometrical aspects in the face inversion effect: an MEG study
Aki Tsuruhara, Koji Inui, Ryusuke Kakigi

P62   Hallucinations and pareidolias of faces in dementia with Lewy bodies
Makoto Uchiyama, Yoshiyuki Nishio, Kayoko Yokoi, Etsuro Mori

P63   Task-irrelevant peripheral happy faces facilitate visual search
Yoshiyuki Ueda and Sakiko Yoshikawa

P64   Holistic processing at the key to human face perception expertise: evidence from eye-gaze contingent stimulus presentation
Goedele Van Belle, Philippe Lefèvre, Bruno Rossion

P65   High-resolution fMRI reveals cortical tiling of face and limb selectivity in human high-level visual cortex
Kevin S. Weiner, Kalanit Grill-Spector

Poster

Nov 1 (Thu)
17:00-19:00

P66 Morphing human into monkey face: species-specific face processing and face categorization
  Emi Yamada, Katsuya Ogata, Tomokazu Urakawa, Shozo Tobimatsu

P67 Development of face recognition in children with autism spectrum disorders: Analysis of cognitive and social function
  Junichi Yamamoto, Soichiro Matsuda, Hitomi Kuma, Airi Kato

P68 Gaze direction affects the 3D face recognition in infant
  Wakayo Yamashita, So Kanazawa, Masami K.Yamaguchi, Ryusuke Kakigi

P69 Hallucinators see faces in noises - Pareidolic illusions in dementia with Lewy bodies -
  Kayoko Yokoi, Yoshiyuki Nishio, Makoto Uchiyama and Etsuro Mori

P70 Perceived dominance of facial expression in face-to-face scenes
  Sakiko Yoshikawa and Yoshiyuki Ueda

P71 Brain activity associated with a situation model of verbal and nonverbal behaviors in conversation: An fMRI study
  Masahide Yuasa, Akira Toyomura and Naoki Mukawa