Thursday, May 26th

Time

13:45 Karl Gegenfurtner: Welcome and introduction
14:00 Konrad Kording (Chicago): The representation of uncertainty and reward in the sensorimotor system.
16:00 Coffee Break
16:30 Poster session group A
18:30 Dinner
20:00 Simon Thorpe (Toulouse): Has object vision been solved?
Friday, May 27th  Prediction

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>E4: Matteo Valsecchi</td>
<td>Post-saccadic prediction error leading to center-peripheral perceptual calibration.</td>
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<tr>
<td>9:30</td>
<td>A4: Katja Fiehler</td>
<td>Predictive visual and somatosensory signals during hand and eye movements.</td>
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<tr>
<td>10:00</td>
<td>A5: Knut Drewing</td>
<td>Predictive and sensory signals in the control of exploratory movements in active touch.</td>
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<tr>
<td>10:30</td>
<td>Coffee Break</td>
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<tr>
<td>11:00</td>
<td>A7: Claudia Kubicek, Bianca Jovanovic, Gudrun Schwarzer</td>
<td>The relation between visual prediction abilities and motor skills in infancy.</td>
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<tr>
<td>11:30</td>
<td>A3: Bianca van Kemenade, Tilo Kircher, Ezgi Arikan, Benjamin Straube</td>
<td>Predictive perception: multisensory consequences of one’s own actions.</td>
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<tr>
<td>12:30</td>
<td>Lunch</td>
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<tr>
<td>14:00</td>
<td>Yaffa Yeshurun (Haifa)</td>
<td>Perceptual tradeoffs shape the effects of transient attention.</td>
</tr>
<tr>
<td>15:00</td>
<td>B1: Wolfgang Eihäuser-Treyer, Bianca Wittmann</td>
<td>The interaction of visual and motivational salience in natural-scene perception.</td>
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<tr>
<td>15:30</td>
<td>B2: Alexander Schütz</td>
<td>Control of eye movements by informational value.</td>
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<tr>
<td>16:00</td>
<td>Coffee Break</td>
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<tr>
<td>16:30</td>
<td>Poster session group B</td>
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<tr>
<td>18:30</td>
<td>Dinner</td>
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<tr>
<td>Evening</td>
<td>Discussion and drinks, work groups</td>
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### Saturday, May 28th

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9:00</td>
<td>B3:</td>
<td>Anna Schubö: <em>Coordination of visual salience and top-down signals for determining priority in visual selection.</em></td>
</tr>
<tr>
<td>9:30</td>
<td>B4:</td>
<td>Wolfgang Einhäuser-Treyer, Stephan König, Harald Lachnit: <em>Effects of informational value on perception and attention in associative learning.</em></td>
</tr>
<tr>
<td>10:00</td>
<td>B5:</td>
<td>Jutta Billino: <em>Value-based modulation of visuo-motor control across adult life span.</em></td>
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<tr>
<td>10:30</td>
<td></td>
<td><strong>Coffee Break</strong></td>
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<tr>
<td>11:00</td>
<td>E3:</td>
<td>Mathias Hegele, Lisa Maurer, Hermann Müller: <em>Predictive Error Perception: Neural correlates and development in a complex motor task.</em></td>
</tr>
<tr>
<td>11:30</td>
<td>E2:</td>
<td>Johannes Kurz, Jörn Munzert, Mathias Hegele: <em>Shooting penalty kicks as accurately as possible: The goalkeeper has no impact on the penalty taker.</em></td>
</tr>
<tr>
<td>12:30</td>
<td></td>
<td><strong>Lunch</strong></td>
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<tr>
<td>14:00</td>
<td></td>
<td>Niko Kriegeskorte (Cambridge): <em>Testing complex brain-computational models to understand how the brain works.</em></td>
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<tr>
<td>15:00</td>
<td>C1:</td>
<td>Roland Fleming: <em>Visual Categorization and Prediction of Deformable Materials.</em></td>
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<td>16:00</td>
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<td><strong>Coffee Break</strong></td>
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<tr>
<td>16:30</td>
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<td><strong>Poster session group C</strong></td>
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<tr>
<td>18:30</td>
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<td><strong>Dinner</strong></td>
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<td></td>
<td><strong>Evening</strong></td>
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<td></td>
<td></td>
<td>Discussion and drinks, work groups</td>
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</tbody>
</table>
### Sunday, May 29th  Categorization

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>9:00</td>
<td>C3: Christina Kauschke, Gudrun Schwarzer: Categorization of emotional information in words and faces during child development.</td>
</tr>
<tr>
<td>10:00</td>
<td>C6: Dominik Endres: Perception of Modular Movement Primitives.</td>
</tr>
<tr>
<td>10:30</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>11:00</td>
<td>E1: Andreas Jansen, Anna Thorwart: Neural correlates of emotion categorization: Development of network models.</td>
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<tr>
<td>11:30</td>
<td>E5: Ben de Haas: From a voxel's point of view: Visual fMRI using encoding models.</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch</td>
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<td>Departure</td>
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List of posters:

    Jan Churan: Directional precision for saccades and smooth pursuit in head unrestrained macaque monkeys.
    Nick Ross: Discriminating curvature of motion trajectories during fixation and smooth pursuit.
    Alexander Göttker: Interaction between pursuit and saccades and the effects on speed discrimination.

A2: Milosz Krala: Predictive postural responses to imposed optic flow.
    Constanze Schmidt: Processing of visually simulated self-motion – an EEG-study.

A3: Bianca van Kemenade: Neural mechanisms of predicting multisensory consequences of one’s own action.
    Benjamin Straube: Predicting multisensory consequences of one’s own actions: Results and outlook.

A4: Dimitris Voudouris: Enhancing tactile information during reaching movements.
    Hanna Gertz: Cortical representation of tactile suppression and enhancement.
    Stefanie Müller: Effector movement influences the reference frames for proprioceptive reach targets.

A5: Alexandra Lezkan: Going against the grain – Texture orientation affects direction of exploratory movement.
    Anna Metzger: Haptic aftereffect of softness.

A7: Claudia Kubicek: How 9-month-old infants’ manual predictive abilities are related to their motor skills.

B1: Judith Schomaker: The effects of visual and motivational salience on attention and reinforcement learning.

B2: Christian Wolf: Effects of reward are caused by the necessity to choose.
    Christian Wolf: Trans-saccadic integration of peripheral and foveal feature information is close to optimal.

B3: Maria Matziridi: t.b.a.


B5: Jing Huang: Age-related changes in saccadic adaptation.
    Matteo Valsecchi: Investigating the optimality of pointing under risk across the lifespan.
C1: Filipp Schmidt: Optical and shape cues to the visual perception of softness.
C2: Elisabeth Baumgartner: Decoding color constancy with fMRI.
    Christoph Witzel: Categorical information about perceivable colours.
    David Weiß: A comparison between illuminant discrimination and chromatic detection.
C3: Michael Vesker: Integrating lexical and facial information for emotion processing via cross-modal priming – A developmental perspective.
C5: Friederike Seyfried: Unitary vs. modality-specific semantic knowledge in object perception: On the neural correlates of perceiving pictures, spoken and written words.
C6: Benjamin Knopp: Perceptual validation of the vCGPDM modular movement primitive model.

E1: Kim Wende: Neural mechanisms of emotion categorization during face perception: a combined fMRI and pupillometric study.
    Johannes Kurz: Shooting penalty kicks as accurately as possible: The goalkeeper has no impact on the penalty taker.
E3: Michael Joch: Inference statistical analysis of continuous data based on confidence bands – traditional and new approaches.
List of Participants:

Invited Speakers:
Konrad Kording (Chicago)
Niko Kriegeskorte (Cambridge)
Simon Thorpe (Toulouse)
Yaffa Yeshurun (Haifa)

A1: Doris Braun
    Frank Bremmer
    Karl Gegenfurtner
    Jan Churan
    Nick Ross
    Alexander Göttker

A2: Frank Bremmer
    Jan Churan
    Milosz Paul Krala
    Adrian Schütz

A3: Tilo Kircher
    Benjamin Straube
    Bianca van Kemenade
    Ezgi Arikan

A4: Katja Fiehler
    Dimitris Voudouris
    Hanna Gertz
    Stefanie Müller

A5: Knut Drewing
    Alexandra Lezkan
    Anna Metzger

A7: Bianca Jovanovic
    Gudrun Schwarzer
    Claudia Kubicek

B1: Wolfgang Einhäuser-Treyer
    Bianca Wittmann
    Judith Schomaker

B2: Alexander Schütz
    Christian Wolf

B3: Anna Schubö
    Maria Matziridi
    Hanna Kadel

B4: Wolfgang Einhäuser-Treyer
    Harald Lachnit
    Stephan König

B5: Jutta Billino
    Karl Gegenfurtner
    Jing Huang

C1: Roland Fleming
    Filipp Schmidt

C2: Elisabeth Baumgartner
    Christoph Witzel
    Florian Schiller

C3: Christina Kauschke
    Gudrun Schwarzer
    Daniela Ludwig
    Michael Vesker

C5: Mathias Hegele
    Friederike Seyfried

C6: Dominik Endres
    Benjamin Knopp

E1: Andreas Jansen
    Anna Thorwart
    Kim Wende
    Roman Kessler
    Ina Hübener

E2: Wolfgang Einhäuser-Treyer
    Karl Gegenfurtner
    Mathias Hegele
    Jörn Munzert
    Johannes Kurz

E3: Lisa Maurer
    Hermann Müller
    Michael Joch

E4: Matteo Valsecchi

E5: Ben de Haas