

38th Annual Meeting of the International Society for Psychophysics

Fechner Day 2022
Lund, Sweden.
23 – 26 August.

Conference Schedule

Conference Venue:
Palaestra et Odeum
University Square
Lund University.

Note: All conference sessions and the business meeting of the ISP will be held in *Palaestra*. For the welcome meetup (Monday, August 22) we will convene in Stortorget Bar. The Gala dinner (Thursday, August 25) will take place in Gamla Biskopshuset.

Monday, August 22

18.00 – 20.00 Welcome meetup: *Stortorget Bar*

Tuesday, August 23

8.30 – 8.45 Morning welcome

8.50 – 09.00 Sofia Bunke. *Head of Psychology Department, Lund University.*

09.00 - 10.30 Wolfgang Ellermeier, Florian Kattner. *Reliability of the irrelevant speech effect reconsidered.*

Linh Doan, Kazuo Ueda, Hiroshige Takeichi, Gerard B. Remijn. *Checkerboard speech: A trough in the intelligibility curves.*

10.30 - 11.00 Coffee break

11.00 - 11.30 Geng-Yan Jhang, Kazuo Ueda, Hiroshige Takeichi, Gerard B. Remijn. *Auditory stream segregation for complex tones with switching frequency bands.*

11.30 - 12.30 Kazuo Ueda, Hiroshige Takeichi, Kohei Wakamiya. *Auditory grouping facilitates understanding interrupted mosaic speech stimuli.*

12.30 - 13.30 Lunch

13.30 - 15.00 Wm Wren Stine, Dan Swift, Rebecca A. White, Sofia C. Lombardo, Erika S. Wells, John E. Sparrow, Joseph A. LaBarre, Andrew J. Kitt. *Luminance contrast sensitivity to increments and decrements in the presence of a motion mask with afterimages: Exploring motion induced blindness.*

Rebecca A. White, Emily R. Komerska, Jonah K. Schneider, John E. Sparrow, Wm Wren Stine. *Testing the common mechanism hypothesis relating perceptual filling-in to motion induced blindness during binocular rivalry.*

15.00 - 15.30 Coffee break

15.30 - 17.00 Poster session I [List of individual presentations on page 5]

Wednesday, August 24

09.00 - 10.30 Lance Nizami, Claire S. Barnes. *The precision of Fechnerian integration, quantified.*

	Lance Nizami, Claire S. Barnes. <i>Standard deviations versus means of psychometric functions for detection of forward-masked probe-tones: Unexpected non-monotonicity.</i>
10.30 - 11.00	Coffee break
11.00 - 11.30	Robert C.G. Johansson, Rolf Ulrich. <i>A speeded recognition model of intensity classification.</i>
11.30 - 12.30	Stephen W. Link. <i>Directly measured stimulus differences predicting choice responses.</i>
12.30 - 13.30	Lunch
13.30 - 15.00	Diana Eugenie Kornbrot, George J. Georgiou. <i>Binary decisions: Mathematical models & applications.</i>
	Hiroshige Takeichi, Emi Hasuo. <i>Revisitation to the effects of preceding sounds on time-shrinking and auditory temporal assimilation.</i>
15.00 - 15.30	Coffee break
15.30 – 16.00	Vered Shakuf, Boaz M. Ben-David. <i>Perception of spoken emotions in young adults with intellectual disability.</i>
16.00-17.30	Poster session II [List of individual presentations on page 6]

Thursday, August 25

09.00 - 10.30	Friedrich Müller. <i>About the benefits of carrying handles on moving boxes.</i>
	Rosana M Tristão, Elaine R Neiva, Kassandra S F Costa, Laiane Medeiros Ribeiro, Geraldo M Fernandes, Karina N Costa, Jan Spilski, Thomas Lachmann. <i>Olfactory perceptual evaluation of new-born infants: Preliminary results of a new smell scale.</i>
10.30 - 11.00	Coffee break
11.00 - 11.30	Adnan M. Shehabi, Garreth Prendergast, Hannah Guest, Christopher J. Plack. <i>The development and validation of an Arabic digits-in-noise test.</i>
11.30 - 12.30	Lance Nizami, Claire S. Barnes. <i>Teghtsoonian's law is not.</i>
12.30 - 13.30	Lunch
13.30 - 15.30	Sergio Cesare Masin. <i>Old and new views on ratio judgment.</i>
	Mark A. Elliott, Emma Kelly. <i>Experiencing art is becoming art: understanding viewer behaviour in the context of image fractality.</i>

15.00 - 15.30	Coffee break
15.30 – 16.00	Lance Nizami, Claire S. Barnes. <i>Discrediting the "discrediting of psychophysics: H.K Beecher versus the Hardy-Wolff-Goodell dolorimeter.</i>
16.00 - 17.00	ISP Business meetings
17.00 – 17.30	Group photo
18.00 - 22.00	Gala dinner: <i>Gamla Biskopshuset</i>

Friday, August 26

9.00 - 10.30	Xuanru Guo, Yuki Morimoto, Takeharu Seno, Stephen Palmisano. <i>Does the degree of abstraction in a video stimulus alter the experience of vection?</i> Pier-Alexandre Rioux, Maximilien Chaumon, Antoine Demers, Hugo Fitzback-Fortin, Sebastian L. Kübel, Catherine Lebrun, Esteban Mendoza-Duran, Luigi Micillo, Charles Racine, Nicola Thibault, Virginie van Wassenhove, Simon Grondin. <i>The Blursday Project on time perception during Covid-19 confinement: A glimpse at the Canadian data.</i>
10.30 - 11.00	Coffee break
11.00 - 12.30	Andrey R. Nikolaev, Antonino Esposito, Salvatore Gaetano Chiarella, Antonino Raffone, Sergei Gepshtein, Cees van Leeuwen. <i>Orientation bias in ambiguous dot lattices: contextual influences and electrophysiological correlates.</i> Alexandra Wolf, Shunsuke Tamura, Takako Mitsudo, Kazuo Ueda, Yoji Hirano. <i>Information processing abnormalities among patients with schizophrenia in a decision-making task</i>
12.30 - 12.45	Closing remarks
14.00 - 18.00	After conference BBQ with Geoff and Maarit

Poster session I

Tuesday, August 23, 15.30-17.00

1. Ann-Kathrin Beck, Joana Costa do Carmo, Thomas Lachmann. *The role of feedforward and recurrent processing during ultra-rapid natural and man-made object image categorization: A distributional response time study.*
2. Sonya Bernard, Pier-Alexandre Rioux, Karine Morasse, Simon Grondin. *The effect of the emotional content of images during encoding and reproduction phases in an interval reproduction task: A comparison between control, ASD, and ADHD groups.*
3. Carmen M. Castañeda González, Werner Hemmert, Sonja Karg. *Effect of stimulus presentation order on pitch ranking measurements in cochlear implant users and normal-hearing listeners.*
4. Alexandra E Clausen, Hannah Lindenkreuz, Henri Kracke, Florian Kattner. *Visual attention guided by either associatively or propositionally learned valence.*
5. Yehdua Dor, Vered Shakuf, Boaz M. Ben-David, Daniel Algom. *Age-related differences in the perception of spoken emotions: The psychophysics of emotional speech in noise processing.*
6. Joanie Drouin, Pier-Alexandre Rioux, Daniel Fortin-Guichard, Simon Grondin. *Inducing expectation with star ratings influences the appreciation of short movies.*
7. Mitra Hassanzadeh, Wolfgang Ellermeier, Florian Kattner, Robyn Theuergarten, Marvin Heiding, Angelika Kern. *The role of spatial location in the irrelevant speech effect revisited.*
8. Åke Hellström. *Explaining the anomalous results of stimulus comparison: noisy target correlates help optimize discrimination.*
9. Lina Jost, Angelika Kern, Wolfgang Ellermeier. *Continuous versus global judgment of musically induced emotions.*

Poster session II

Wednesday, August 24, 15.30-17.00

1. Aleksandar Bulajić, Frouke Hermens, Sven Panis, Cees van Leeuwen, Thomas Lachmann. *The endless global precedence effect: The behavioural dynamics between global precedence and the fast-same effect.*
2. Gregory Neely, Isabella Ström. *Some observations about ecological momentary assessment of real-world exposure to unpleasant sound and smell.*
3. Hiroshige Takeichi, Kazuo Ueda, Takako Mitsudo, Alexandra Wolf, Yoji Hirano. *Magnetoencephalography of processing mosaic and checkerboard speech.*
4. Teodora Milojević, Mark A. Elliott. *Exploring mind-matter interaction: The effect of meditation on the behaviour of photons.*
5. Andrew D. Vigotsky, Rami Jabakhanji, Marwan N. Baliki, A. Vania Apkarian. *A mesolimbic competition model explains acute pain dynamics.*
6. Natsuko Wasaki, Tatsuto Takeuchi. *Characteristics of three-dimensional object recognition in virtual reality environments.*
7. Teruo Yamasaki. *The effects of the selection control and hyperacusis on the perception of background music.*
8. Evyatar Cohen, Yaniv Mama. *The positive effect of alcohol consumption on visual absolute threshold.*
9. Michele Pellegrino, Fabio Marson, Joseph Glicksohn, Mark Elliott, Tal Dotan Ben-Soussan. *Hierarchical predictive coding in a state of perceptual deprivation: The OVO-WBPD chamber.*