

30th Annual Meeting of the International Society for Psychophysics

Fechner Day 2014
Lund, Sweden.
18 – 22 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*. The welcome reception (Monday, August 18) will take place in the *Main University Building* ("Universitetshuset"). The Gala dinner (Thursday, August 21) will take place in the Pillar Hall ("Pelarsalen").

Monday, August 18

16.00 – 18.00 Welcome reception: *Atrium, Main University Building*

Tuesday, August 19

8.45 – 09.15 Welcome and announcements
Lennart Prytz. *Deputy Mayor of Lund.*

09.15-10.15 Free talks

Viktor Sarris. *Adaptation-level theory in retrospect: a modern evaluation.*

Jana Birkenbusch and Wolfgang Ellermeier. *Axiomatic evaluation of k-multiplicativity.*

Riccardo Luccio. *Gassendi, the sun, and the apparent size.*

10.15-10.45 Coffee break

10.45-11.45 Keynote speaker
Hannes Eisler. *Some research tips from 55 years' psychophysics.*

11.45-12.30 Free talks

Stephen Link. *Theory of ideals and its application.*

Michele Vicovaro and Luigi Burigana. *A diagnostic of the size-weight illusion by lines of subjective equality.*

12.30-13.30 Lunch

13.30-15.30 Theme session: *What's new in pain perception?*
Convener / organizer: Rosana M. Tristão

Gunnar Borg and Elisabet Borg. *To determine the magnitude of pain with Borg CR-scales®.*

Beatriz Ferreira Neves and José Aparecido Da Silva. *The challenge of pain.*

Diana Kornbrot. *Quantified selves: mobile monitoring of pain perception for life enhancement.*

Claudia Charry. *Pain measurement in Latin America: Advances and challenges.*

Rosana M. Tristão, Kelly Cristina Santos de Carvalho, and José Alfredo Lacerda de Jesus. *The impact of sleep disorders at perception of pain.*

15.30-16.00	Coffee break
16.00-16.45	Free talks Rasmus Bååth. <i>Characteristics and mechanisms of subjective rhythmization.</i> Emmanuel Ponsot, Patrick Susini, and Sabine Meunier. <i>The role of duration in global loudness evaluation of rising and falling-intensity sounds.</i>
16.45-18.00	Poster session 1 [List of individual presentations on page 7]

Wednesday, August 20

09.00 - 10.30	Free talks Boaz M. Ben-David, Meital Avivi-Reich, and Bruce A. Schneider. <i>Sources for age-related changes in the timeline for segregating a speech target from a background masker.</i> Mark A. Elliott. <i>Temporal aspects of subjective visual experience: Evidence from stimulus-evoked hallucination.</i> Timothy L. Hubbard. <i>The varieties of momentum-like experience.</i>
10.30-11.00	Coffee break
11.00-12.00	Invited speaker Louis Narens. <i>Measurement-theoretic and philosophic foundations of Stevens' power law.</i>
12.00-12.30	Group Photo
12.30-13.30	Lunch
13.30-15.15	Theme session: <i>Individual differences in psychophysics</i> Convener / organizer: Leah Fostick Leah Fostick. <i>Introduction and review.</i> Leah Fostick and Harvey Babkoff. <i>Perceptual strategies in spectral TOJ.</i> Jennifer Lentz, Nicholas Altieri, and James T. Townsend. <i>Differences in the integration of audiovisual speech versus non-speech signals.</i> Yaniv Mama and Michal Icht. <i>Individual differences in the production effect in memory.</i>

Jiří Wackermann. *Universality versus individuality: Place for inter-individual differences?*

Harvey Babkoff. *Conclusions and future directions.*

15.15-15.45 Coffee break

15.45-16.30 Free talks

Kwee-Yum Lee, Chelsea Carratt, Jia Han, Roger Adams, Hae-Jung Lee, and Gordon Waddington. *Proprioceptive performance of the hands in Cartesian space.*

Patricia Hannan and Eugene Galanter. *Psychophysical training effects on young children with autism.*

16.30-18.00 Poster session 2 [List of individual presentations on page 8]

Thursday, August 21

09.00 - 10.15 Free talks

Harvey Babkoff and Leah Fostick. *Stimulus parameters determining the shape of spectral TOJ threshold distributions.*

Miguel A. García-Pérez and Rocío Alcalá-Quintana. *Some remarks on the fitting of psychometric functions to psychophysical data on perception of duration.*

Rocío Alcalá-Quintana and Miguel A. García-Pérez. *Parameter estimation for model-based psychometric functions of perceived duration.*

10.15-10.45 Coffee break

10.45-11.45 Invited speaker

Michael D. Lee. *Applications of Bayesian graphical modeling to psychophysics.*

11.45-12.30 Free talks

Thiago Leiros Costa. *Investigating sensory processes with transcranial direct current stimulation (tDCS).*

José L. O. Bueno, Danielle M. Judice-Daher, and Henrique G. Deliberato. *The reinforcement magnitude of stimulus affects temporal discrimination and interferes with omission effects in rats.*

12.30-13.30	Lunch
13.30-15.15	<p>Theme session: <i>Crossmodal and supramodal psychophysics</i> Convenor / organizer: Åke Hellström</p> <p>Helen E. Ross. <i>Cross-modal measures – the literary evidence.</i></p> <p>David J. Murray and Marissa E. Barnes. <i>Putting feelings into psychophysics: Theodor Lipps (1905) on the perception of weight and other modalities.</i></p> <p>Elisabet Borg and Gunnar Borg. <i>A range model and a schematized conception for intermodal comparisons.</i></p> <p>Robert Teghtsoonian. <i>The Psychophysical Power Law: Dead or alive.</i></p> <p>Åke Hellström. <i>Time-order effects and generalized subjective magnitude in crossmodal stimulus comparison.</i></p>
15.15-15.45	Coffee break
15.45-16.30	<p>Free talks</p> <p>Tamar Gur and Daniel Algom. <i>Selective attention under Stress: Evidence from the Stroop effect.</i></p> <p>Luiz G. Gawryszewski, Sarah C. deOliveira, Larissa V. Kamarowski, Marinna G. Repossi, Douglas M. Pereira, and Tacy G. deMartins. <i>Hemispheric specialization for responses to positive and negative facial emotional expressions.</i></p>
16.30-17.30	ISP Business meetings
18.00-22.00	Gala dinner: <i>Pelarsalen, Main University Building</i>

Friday, August 22

9.00 - 10.15	<p>Free talks</p> <p>John S. Monahan. <i>Learning mental rotation</i></p> <p>Tzvi Ganel, Gal Namdar, and Daniel Algom. <i>Effects of magnitude on grasping.</i></p>
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	Stanislava Antonijevic-Elliott and Susan Folan. <i>Does training in interpreting improve capacity of working memory and executive function?</i>
10.15-10.45	Coffee break
10.45-11.45	Invited speaker Simon Grondin. <i>It's about time to perceive, with or without Weber's glasses.</i>
11.45-12.45	José Alfredo Lacerda de Jesus and Rosana M. Tristão. <i>Do NFCS subscores react similarly to physiological indicators under the psychophysical parameters' view point?</i> Nadine Kakarot and Friedrich Müller. <i>Perceived exertion and heart rate during long term ergometer work of young and older subjects.</i> Michelle Galanter. <i>The child's conception of space (revised).</i>
12.45-13.00	Closing remarks
14.00-18.00	After conference grill with Geoff and Maarit

Poster session 1

Tuesday, August 19, 16.45-18.00

- 1 Naomi du Bois, Aleksandar Aksentijevic, and Mark A. Elliot. *Investigating the temporal and phase structure of oscillatory mechanisms in auditory binding.*
- 2 Elisabet Borg and Charlotte Carlberg. *Scaling loudness with the Borg CR100 Scale[®].*
- 3 Thiago L. Costa, Marcelo F. Costa, Adsson Magalhães, Gabriel G. Rêgo, Balázs V. Nagy, Paulo S. Boggio, Dora F. Ventura. *The role of VI in size and depth judgment: a transcranial direct current stimulation study.*
- 4 Érico Artioli Firmino and José Lino Oliveira Bueno. *Distances between modulating keys also shorten subjective time estimations in real music stimuli.*
- 5 Christian Graff. *The “geometric difference”, a meaningful measure of dissimilarities in psychophysics.*
- 6 Kristín Ósk Ingvarsdóttir and Geoffrey R. Patching. *Context effects in perception and discrimination of paired bounce heights.*
- 7 Yaniv Mama, Vered Shaku and Daniel Algom. *Distance is not objective: Distance differences between and within objects.*
- 8 Sergio C. Masin. *Reappraisal of magnitude estimation as an adjunct method for functional measurement.*
- 9 Tetsu Miyaoka. *A mathematical model to explain the quantity of Velvet Hand Illusion.*
- 10 Thomas H. Rammsayer. *No evidence for an ISI-induced interference effect on temporal processing of empty intervals.*

Poster session 2

Wednesday, August 20, 16.30-18.00

- 1 Elisabet Borg and Chantella Love. *Evaluating elite performance with the Borg CR100 scale[®] in a Swedish championship in diving.*
- 2 Jee Ho Chang. *Perceptual judgment of stimulus depth during fixation and saccadic eye movement.*
- 3 Timothy L. Hubbard and Susan E. Ruppel. *The mind in the cave: perception of paleolithic paintings and petroglyphs.*
- 4 Francisco Carlos Nather, Arthur Shocken Gréggio, Carlos Ernesto Garrido Salmon, Antônio Carlos dos Santos and José Lino Oliveira Bueno. *Neural substrate analysis for visual motion perception and subjective timing.*
- 5 Andrée-Anne Ouellet and Claudette Fortin. *Simultaneous timing: differential attentional processes and auditory dominance.*
- 6 Tina Plank, Katharina Rosengarth, Carolin Schmalhofer, Markus Goldhacker, Sabine Brandl-Rühle and Mark W. Greenlee. *Perceptual learning in patients with macular degeneration.*
- 7 Vered Shakuf and Boaz M. Ben-David. *Beware of the bear: Cultural and linguistic differences in the perception of emotional speech.*
- 8 Taiga Tatsukawa. *Effects of the distribution of durations of the leading tones on the perceived length of following tone.*
- 9 Michael Thorpe and Aleksandar Aksentijevic. *The priming effects of structural information on pitch interval judgements.*
- 10 Laura Ziebell, Heather Woods-Fry, Misha Sokolov and Charles Collin. *IAMFaRR: A tool to assess maximum range of face recognition.*
- 11 Lucia Zanuttini and Caterina Malisano. *The lightness of “Ebbinghaus like” figures with illusory contours.*