

# Programma / Program

## Uztveres un kognitīvās sistēmas un procesi / Perceptual and cognitive systems and processes

Emociju vārdi latviešu valodā un to sasaiste ar personības iezīmēm (LV)

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Emotional effect on auditory instruction perception: an ERP study(ENG)

Anita Zdanovica<sup>1,2</sup>, Baiba Trinite<sup>2</sup>, Jurgis Skilters<sup>3</sup>, Daiga Kurme<sup>2</sup>, Evija Lavrane<sup>2</sup>, Ilva Magazeina<sup>2</sup>, Chie Nakatani<sup>4</sup>

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4. *Brain and Cognition Research Unit, KU Leuven. Belgium*

Emotion intensity of athletes in the Olympic Games depending on experience (LV)

Zigmunds Freibergs<sup>1</sup>, Marita Vilciņa<sup>2</sup>, Līga Zariņa<sup>1</sup>, Solvita Umbraško<sup>1</sup>, Jurģis Šķilters<sup>1</sup>

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Exploring spatial abilities and individual factors in athletes (ENG)

Santa Bartušēvica<sup>1</sup>, Laura Zelģe<sup>1</sup>, Jurģis Šķilters<sup>1</sup>, Solvita Umbraško<sup>1</sup> and Līga Zariņa<sup>1</sup>

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Cognitive map of food producers' communication on climate change (ENG)

Maija Kāle<sup>1</sup>

1. *University of Latvia*

**Vizuāli telpiskie procesi kā neirodeģeneratīvo un psihisko traucējumu indikatori / Visuospatial processes as indicators of neurodegenerative and mental disorders.**

Depresijas iezīmju saistība ar kognitīvām spējām pieaugušajiem ar un bez neirodeģeneratīvām saslimšanām (LV)

Agnese A. Pastare<sup>1,2</sup>, Jurģis Šķilters<sup>2</sup>, Solvita Umbraško<sup>2</sup>, Santa Bartušēvica<sup>2</sup>, Līga Zariņa<sup>2</sup>, Laura Zelģe<sup>2</sup>, Ardis Platkājis<sup>1</sup>, Jānis Mednieks<sup>1</sup>, Aleksejs Ševčenko<sup>1</sup>, Nauris Zdanovskis<sup>1</sup>, Artūrs Šilovs<sup>1</sup>, Edgars Naudiņš<sup>1</sup>

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Perceptual organization, perception of accent and their neurodegenerative distortions. Uztveres organizācija, akcenta uztvere un to neirodeģeneratīvās izmaiņas (ENG)

Jurģis Šķilters<sup>1</sup>, Megija L. Gintere<sup>1</sup>, Elza Klūģe<sup>1</sup>, Baingio Pinna<sup>3</sup>, Santa Bartušēvica<sup>1</sup>, Līga Zariņa<sup>1</sup>, Solvita Umbraško<sup>1</sup>, Laura Zelģe<sup>1</sup>, Agnese A. Pastare<sup>1,3</sup>, Ardis Platkājis<sup>3</sup>, Jānis Mednieks<sup>3</sup>, Aleksejs Ševčenko<sup>3</sup>, Nauris Zdanovskis<sup>3</sup>, Artūrs Šilovs<sup>3</sup>, Edgars Naudiņš<sup>3</sup>

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Vizuāli telpisko spēju saistība ar galvas smadzeņu domēnu tilpumu mērījumiem pieaugušajiem ar un bez neirodeģeneratīviem traucējumiem (LV)

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## Closing Keynote:

Beliefs in the senses: Changing odor representations in mice  
and men

**Prof. John McGann**

*Director: Rutgers Center for Cognitive Science*

*Director: Laboratory on the Neurobiology of Sensory Cognition*

*Rutgers University, NJ, USA*