

15th Biennial Meeting of the Child Vision Research Society

SCIENTIFIC PROGRAM

Sunday, 14 June 2015

17.00 - 19.00 Welcome drink and registration - Hotel ARTEMIS

Monday, 15 June 2015

08.00 - 16.00 Registration

08.45 - 09.00 Opening of the Meeting

09.00 - 10.30 **Visual Development**
Moderators: Oliver Braddick, Miroslav Dostálek

- 1. **Oliver Braddick**
45 min Development of visual processing beyond the striate cortex: mechanisms for sensitivity to global form and motion and their links to spatial, cognitive, and mathematical abilities
- 2. **Adélaïde de Heering**
15 min Rapid categorization of natural face images in the infant right hemisphere
- 3. **Michelle O'Reilly**
15 min Neural correlates of sociocognitive processing in the visually impaired infant brain
- 4. **Brian Fleck**
15 min Visual Field measurement in infants using Saccadic Vector Optokinetic Perimetry (SVOP)

10.30 - 11.00 Break

11.00 - 12.30 **Visual Disorders**
Moderators: Janette Atkinson, Anna Zabanová

- 5. **Janette Atkinson**
45 min Assessing disorders of visual brain development in infancy and childhood
- 6. **Daniela Ricci**
15 min Early assessment of visual function
- 7. **Cathy Williams**
15 min Behaviour and Mental Health in children with visual impairment: data from a birth cohort study
- 8. **Anna Zabanová**
15 min Silicon-hydrogel contact lenses in multi-disabled visually impaired children: the options and indications for use

12.30 - 13.30 Lunch

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13.30 - 15.00 Visual Assessment

Moderators: Lea Hyvärinen, Barbora Zobanová

- 9. Lea Hyvärinen**
45 min Assessment of vision for development and learning
- 10. Andrew Ware**
15 min Discerning visual acuity through the use of computer vision as a diagnostic tool
- 11. Valdeflors Vinuela-Navarro**
15 min Eye movements in children referred with diagnosed or suspected eye movement difficulties
- 12. Dagmar Moravcová**
15 min The assessment of vision functions using the preferential looking tests: Teller Acuity Cards, Keeler Test (New Infants and Children Acuity Cards) and New City-Cardiff Test – Comparison of Results, Experiences

15.00 - 15.30 Break

15.30 - 16.30 EUSCREEN study group

17.00 - 23.00 Sightseeing Tour + Welcome Party - Club LÁVKA (further information you find in CVRS Guide)

Tuesday, 16 June 2015

09.00 - 10.30 Visual Stimulation and Rehabilitation

Moderators: Lea Hyvärinen, Martina Herynková

- 13. Lea Hyvärinen**
45 min Visual stimulation and rehabilitation
- 14. Florine Pilon**
15 min CVI experience, simulation of visual processing difficulties
- 15. Greet Vissenaekens**
15 min Screening characteristics of Autism Spectrum Disorders (ASD) in children with Cerebral Visual Impairment (CVI)
- 16. Marlou J. G. Kooiker**
15 min Development of visual and oculomotor functions in children with cerebral visual impairment

10.30 - 11.00 Break

11.00 - 12.30 Binocularity

Moderators: Rowan Candy, Patrik Dvořák

- 17. T. Rowan Candy**
45 min The oculomotor components of the binocular visual system during infancy
- 18. Nabin Paudel**
15 min Development of global motion processing and binocular visual acuity from 2 to 4.5 years of age in children born with perinatal risk factors
- 19. Alexandr Priamikov**
15 min The role of contrast sensitivity in the development of binocular vision: a computational study
- 20. Miroslav Dostálek**
15 min Efficiency of binocular fusion modulated by contrast and spatial frequency under vergence stress

12.30 - 13.30 Lunch

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13.30 - 15.00 Neuropsychology for Neuroophthalmology

Moderators: Marjolein Dik, Markéta Skalická

- 21. Marjolein Dik**
45 min Work to be done!
- 22. Florine Pilon**
15 min Children's participation at Bartiméus, towards child-centered eye care
- 23. Markéta Skalická**
15 min Development of visual functioning using iPad application
- 24. Sara J McCullough**
15 min Sensitivity and specificity of current school vision screening protocols in the UK

15.00 - 15.30 Break

15.30 - 16.30 Poster Walk

- P 1. Maria Fronius**
Long-term electronically monitored occlusion treatment for amblyopia beyond the conventional treatment age
- P 2. Miroslava Konvičková**
Extreme Hypermetropic Anisometropia – approach and results
- P 3. Marjoke Dekker**
Visual conversion disorders: diagnostics and implications for the rehabilitation process
- P 4. Julie F McClelland**
The changing profile of children with infantile nystagmus syndrome (INS) attending a Paediatric Low Vision Clinic during a 24 year period
- P 5. Kimberly Meier**
The maturation of global motion perception in school-aged children
- P 6. Dagmar Moravcová**
The assessment of visual functions of infants, toddlers and children with MDVI in the Low Vision Centre, Prague – an overview of year 2014
- P 7. Arnulf Myklebust**
Fusional stamina - a better way of describing binocular vision
- P 8. Cathy O'Boyle**
A linear relationship: Kay picture acuity one line better than letter acuity for children aged 4-6 years with amblyopia
- P 9. Elena Sakkalou**
Developing a new „visual impairment and social communication observation schedule (VISCOS)” early social communication and behaviour profiles in children with severe visual impairment (VI) who are at risk for autism
- P 10. Michal Szuminski**
Congenital ptosis repair in children - functional outcome
- P 11. Diny van Drunen**
Education on visual impairment for Dutch orthoptic students
- P 12. Barbora Zobanová**
Low vision therapist as a team member in the comprehensive care of MDVI children in health care in CR

20.00 - 23.00 Gala Night - Restaurant AUREOLE (further information you find in CVRS Guide)



Wednesday, 17 June 2015

09.00 - 10.30 Accommodation and Correction of Refraction for Practical Use

Moderators: Julie-Anne Little, Kateřina Hladíková

- 25. Julie-Anne Little**
25 min Characterising the accommodative deficit in Down syndrome
- 26. Kathryn J. Saunders**
15 min Myopia onset and progression in childhood: prospective data from six years of the Northern Ireland childhood errors of refraction (NICER) study
- 27. Frea Sloot**
15 min Disinvestment of population-wide eye screening at age 6-24 months in the Netherlands
- 28. Huibert Jan Simonsz**
15 min Cost-effective childhood vision and hearing screening in all EU - member states
- 29. Lenka Gríščíková**
10 min Excimer laser correction for myopic anisometropic amblyopia in pediatric patients (long term results)
- 30. Lenka Gríščíková**
10 min Phakic intraocular lens (Verisyse) implantation for correction of high anisometropia in pediatric patients

10.30 - 11.00 Break

11.00 - 12.00 Poster Winner presentations

12.00 - 12.15 Presentation of CVRS 2017 in Ireland

12.15 - 12.30 Closing of the Meeting

12.30 - 13.30 Lunch