

# **Child Vision Research Society**

**Thursday 14 - Saturday 16, June 2001**

**Muséum national d'histoire naturelle**

18 rue Buffon 75005 Paris

We are grateful to the following for their generous support of the meeting :

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## PROGRAMME

### DAY 1 - Thursday 14 June

- 12.00 Registration
- 14.00 Welcome to CVRS 2001, opening session  
**Symposium 1**  
**Public Health**  
**Chaired by F. Vital-Durand**
- 14.30 *Prevalence of refractive errors among pre-school children in a geographically defined population.*  
**M.R. Angi, G. Graziani, E. Cingano, M. Clementi**
- 15.00 *The testability of preschool children on five vision screening procedures.*  
**P. P. Schmidt**
- 15.30 *The amblyopia-screening program in Sweden. An overview of the purpose, organization and scientific evaluation of the outcome.*  
**J. Lithander**
- 16.00 *Quality of life with strabismus and amblyopia.*  
**J.R. Polling, H.J. Simonsz, G. van der Sterre, E.S. Van de Graaf**
- 16.30 **Posters & Coffee**
- 17.00 *A multicentre randomised controlled trial of treatment of amblyopia detected at preschool vision screening.*  
**M. Clarke, C. Wright**
- 17.30 *Economic evaluation in health care.*  
**H.H. Koenig**
- 18.00 *Economic evaluation of orthoptic screening: results of a field study in 121 German kindergartens.*  
**H.H. Koenig, J.C. Barry, R. Leidl, E. Zrenner**
- 18.45 Reception
- 20.00 **Guided Visit** to the Grande Galerie de l'Évolution du Muséum national d'Histoire naturelle

## DAY 2 - Friday 15 June

- 9.00 **Symposium 2**  
**Visual field and perceptual organization of space during development**  
**Chaired by H. Bloch**
- 9.00 *Oculomotor performance and head-eye coordination in healthy and clinical infant groups.*  
**F. Vital-Durand, A-C. Scherlen, R. Demanins**
- 9.30 *Visual search in infants and children : Developmental asymmetry for tasks with different feature content.*  
**R. Sireteanu, M. Wagner, I. Bachert**
- 10.00 *Occlusion therapy changes spatial localization in children with strabismic amblyopia : Results of amblyopic and dominant eyes.*  
**M. Fronius, A. Zubcov, R. Sireteanu**
- 10.30 **Posters & Coffee**
- 11.00 *Do children with developmental dyslexia show a selective visual attention deficit ?*  
**I. Werner, I. Bachert, R. Sireteanu**
- 11.30 *Attentional testing of children identified at risk of visual problems.*  
**S. Anker, J. Atkinson, O.J. Braddick, C. Hugues, M. Nardini, S. Rae, V. Dobler**
- 12.00 *Is visual, motor and cognitive development delayed in children who are identified as hyperopes and poor accommodators in infancy ?*  
**J. Atkinson, O.J. Braddick, S. Anker, M. Nardini, S. Rae, C. Hughes**
- 12.30 **Lunch & Posters**
- 14.00 **Oral Communications (Symposium 2)**  
**Chaired by J. Atkinson**
- 14.00 *Widening of the primary callosal visual field in cats with early unilateral convergent strabismus.*  
**C. Milleret**
- 14.20 *The relationship of neonatal misalignments to accommodative state.*  
**A. Horwood, P. Riddell**
- 14.40 *Contrast increment thresholds for drifting horizontal gratings in 8-12-week-olds.*  
**J. Wattam-Bell**
- 15.00 *Sensitivity to global form coherence in infants under 20 weeks.*  
**O. Braddick, W. Curran, J. Atkinson, J. Wattam-Bell, A. Gunn, E. Cory**
- 15.20 *Perception and representation in young infants.*  
**R. Lécuyer, M. Frichtel, K. Durand**
- 15.40 **Posters & Coffee**

- 16.00 **Oral Communications (Symposium 1)**  
**Chaired by R. Sireteanu**
- 16.00 *Cranio-facial asymmetry : Ocular, vestibular and proprioceptive consequences on child growth.*  
**D. Rousié, F. I. Pandit, S. Defoort, L. Valle, A. Berthoz**
- 16.20 *Is it all over in 6 weeks ? Interim analysis of the monitored occlusion treatment for amblyopia study (MOTAS).*  
**C.E. Stewart, A.R. Fielder, M.J. Moseley, D.A. Stephens**
- 16.40 *Clinical use of electronic monitoring of patch wearing in amblyopia.*  
**H.J. Simonsz, J.R. Polling**
- 20.00 **Social event : Boat trip on the Seine (including Dinner)**

## DAY 3 - Saturday 16 June

- 9.00 **Symposium 3**  
**Oculomotricity and Cognitive Development of the visually handicapped**  
**Chaired by Z. Kapoula**
- 9.00 *Vertigo is an underestimated sign of ocular disorders: dizzy kids don't always need MRI.*  
**S.R. Wiener-Vacher, D. Bremond-Gignac**
- 9.30 *Latency-accuracy characteristics of eye movements in 3D space in children.*  
**Z. Kapoula, M. Pia Bucci, Q. Yang, S. Wiener-Vacher, D. Bremond-Gignac**
- 10.00 *Binocular instability in developmental dyslexics.*  
**J. Stein**
- 10.30 **Posters & Coffee**
- 11.00 *Development and improvement of antisaccade control in children with dyslexia and/or ADHD.*  
**B. Fischer**
- 11.30 *Development of saccadic and smooth pursuit eye movement in children.*  
**J. Fujushima**
- 12.00 *Control of visual fixation and saccade generation in normal development and in attention-deficit hyperactivity disorder.*  
**D.P. Munoz, I.T. Armstrong, S.Gupta, K.A. Hampton, K.D. Moore**
- 12.30 **Lunch & Posters**
- 14.00 **Business Meeting**
- 15.00 **Oral Communications (Symposium 3)**  
**Chaired by A. Sjöström**
- 15.00 *Pragmatic development and behavioral aspects in the Angelman syndrome.*  
**M. Wagner, I. Bachert, R. Köenig, R. Sireteanu**
- 15.20 *Influence of the genotype of children with Angelman syndrome on their visual functions and development.*  
**I. Bachert, M. Wagner, R. Köenig, R. Sireteanu**
- 15.40 *Development of subcortical and cortical visual fonction : I. Early development of the VFP in rats, cats and humans.*  
**A. Sjöström, M. Kraemer**
- 16.00 *Development of subcortical and cortical visual fonction : II. Early development of the VEP in two children with neurologically delayed development. Case reports from triplets.*  
**M. Kraemer, A. Sjöström**
- 16.20 **Posters & Coffee**

- 16.20 **Oral Communications (Symposium 3)**  
**Chaired by H.J. Simonsz**
- 16.50 *Eye movements in reading of fifth grade children.*  
**F. Vitu, G.W. McConkie, D. Zola**
- 17.10 *Binocular coordination of horizontal saccades in strabismic children before and after surgery.*  
**M.P. Bucci, Z. Kapoula, B. Roussat**
- 17.30 *The development of tracking over an occluder : Peripheral attention, saccadic preparedness and predictive control.*  
**C. von Hofsten, K. Rosander**
- 17.50 *Visual pursuit in infants when the object size is varied.*  
**K. Rosander, C. von Hofsten**
- 18.10 *The main sequence in children.*  
**C. Harris, S. Garbutt, M. Harwood**
- 18.30 **Concluding remarks**

## POSTER PRESENTATIONS

- Visual impairment in severe physically and mentally disabled people.*  
**T. Arentz**
- Peripheral optic flow perception : why does locomotor experience facilitate infant's responsiveness*  
**M. Barbu-Roth, J. Campos, D. Anderson, F. Jouen**
- Development of inhibition motor processes in 5- to 11- years-old children : A preliminary study.*  
**J. Barral, C. Rival**
- Gratings orientation detection at the resolution limit of the visual system in 3-12 years-old children.*  
**V.M. Bondarko, L. Semenov, N. Chernova**
- Relations between visual exploration and hand movements in babies.*  
**E. Buteau**
- Visually guided movements of the hand.*  
**I. Carchon**
- Infants with plagiocephaly present a transient hemineglect behavior contralateral to their craniosynostosis.*  
**S. Defoort-Dhellemmes**
- Development of the optokinetic system in infant monkeys.*  
**C. Distler, K.-P. Hoffmann**
- Visual outcomes with infantile cataract.*  
**J.E. Gage, R.V. Abadi, I.C. Lloyd**
- Visual pursuit in relation with the features of the stimulus.*  
**F. Gamé**
- Form and motion coherence sensitivity in normal development.*  
**A.C. Gunn, E. Cory, O.J. Braddick, J. Wattam-Bell, J. Atkinson**
- Relation between touch and vision in neonates.*  
**M. Molina, F. Jouen**
- Infants hyperopic at 9 months have visual, motor and cognitive deficits persisting to age 5.5 years.*  
**M. Nardini, S. Anker, J. Atkinson, O.J. Braddick, C. Hughes, S. Rae**
- Estimation of spatial relation between objects in early ontogenesis.*  
**A.A. Nevskaya, L.I. Leushina, V.M. Bondarko**

15. *Brain growth spurts as pace setters for early language development.*  
**A.M. Peltzer-Karpf**
16. *Ocular motility and visuo-spatial attention in children with periventricular leukomalacia*  
**I.F. Porton-Deterne**
17. *Accommodation in children with down's syndrome : A protocol for a controlled trial of bifocal spectacles.*  
**R. Stewart, L. Trojanowska, J.M. Woodhouse**
18. *Vision in preterm infants - a population based study.*  
**B. Stirn Kranjc, L. Kornhauser Cerar**
19. *A handy pediatric autorefractor for screening visual defects.*  
**F. Vital-Durand, C. Rochas**
20. *Visual disorders in cranial dysmorphic infants.*  
**F. Vital-Durand, V. Giovanonne, M. Bongrand, M. Bernard, C. Motolese**
21. *Reaching under prism displacement for children with DCD : role of vision and proprioception.*  
**S. Zoia, A. Scabar, M. Lamparelli**