# Monday 19 June 2017

**0900 – 1600 registration**

**0900 Coffee**

**Session 1**

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| **9.30** | **Welcome** | |
| **9.40** | **Aya Sami** | Preparation for the EUSCREEN Study: gathering data on vision and hearing screening programmes in 41 European countries |
| **10.00** | **Shelley Hopkins** | Vision screening outcomes and uncorrected eye conditions in Grade 2 schoolchildren |
| **10.20** | **Frea Sloot** | Visual acuity measurement at 36 months in population-wide eye screening in the Netherlands: 17-22% failure rate |
| **10.40** | **Anna O’Connor** | Improving the reliability of paediatric visual acuity testing |

**11.00 Coffee Break & Posters**

**Session 2**

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| **11.30** | **Prof Anita Simmers** | **KEYNOTE**  **Amblyopia: what is all the fuss about?** |

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| **12.25** | **Eileen Birch** | Self-Esteem in Amblyopic Children |
| **12.45** | **Kathleen Vancleef** | ASTEROID; an engaging and glasses-free stereotest on a 3D tablet |

**1.05pm LUNCH**

**Session 3**

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| **1.45 – 3.30** | **POSTER WALK (Odd numbers)** |

**COFFEE during poster sessions**

**Session 4**

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| **3.30** | **Susan Leat** | Can the preference for faces be used to measure recognition acuity in infants? |
| **3.50** | **Sean Chen** | Experience dependent plasticity of form and motion mechanisms in human amblyopia. |
| **4.10** | **F Tinelli** | Visual field defects in children with hemiplegia: spontaneous reorganization and training strategies |
| **4.30** | **Arvind Chandna** | Quantitative characterisation of visual function alterations in children with mild cerebral visual impairment |

**5.00 Business meeting (open to all those interested in the future of CVRS)**

**Drinks Reception and bus leaves for Dinner**

**7.00pm DINNER**

Evening: Conference dinner and Whiskey tasting

# Tuesday 20 June 2017 - CVI theme day

**Session 5**

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| **9.00** | **Naomi Dale** | Developmental profiles and trajectories, including ‘developmental setback’ and effectiveness of early intervention, from 1 to 3 years of age in children with severe visual impairment (VI): OPTIMUM cohort |
| **9.20** | **Hanna Sakki** | Visual perceptual abnormalities in children with congenital cerebral visual impairment |
| **9.40** | **Lea Hyvarinen** | Visual Processing problems in School age assessments – a task for teams |

**Session 6**

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| **10.00 – 12.00** | **POSTER WALK (Even numbers)** |

**COFFEE during poster sessions**

**11.15 EUSCREEN Meeting**

**Session 7**

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| **12.00** | **Prof Els Ortibus** | **KEYNOTE**  **An integrative approach of the assessment of CVI** |

12.55pm CVRS PHOTO!

**1.00pm LUNCH:**

**Session 8 CVI from other stakeholder perspectives**

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| **2.00** | **Helen St Clair Tracy** | Making CVI accessible to the layman – approaches, techniques and outcome |
| **2.20** | **Nicola McDowell** | Unmasked simultanagnosia; Gaining a better understanding of this impairment from the inside |
| **2.40** | **Sara McCracken** | Education Advocacy delivered through the Family Insight project |
| **3.00** | **Panel discussion** | |

**3.20 Coffee BREAK**

**Session 9**

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| **3.50** | **Cathy Williams** | Severe intraventricular haemorrhage (IVH) with posthaemorrhagic ventricular dilatation after premature birth is associated with multiple visual impairments at age 10-11 years |
| **4.10** | **Marlou Kooiker** | Evidence for cerebral visual processing dysfunctions at 1y and 2y in children born extremely preterm |
| **4.30** | **Jenefer Sargent** | Assessing functional vision skills in children with severe cerebral palsy: findings from a structured history taking and assessment approach |

**Approx. 7.00pm start DINNER & Ceilidh**

# Wednesday 21 June 2017

**Session 9**

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| **9.00** | **Prof Marjean Kulp** | **KEYNOTE**  **The impact of uncorrected hyperopia on literacy** |

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| **10.00** | **Jim Gilchrist** | Differences in reading ability are associated with differences in visual perceptual skills in primary school-children |
| **10.20** | **Krista Kelly** | Slow reading and fine motor deficits in school-age children with anisometropic amblyopia |

**10.40 Coffee break**

**Session 10**

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| **11.20** | **Carol Westall** | The feasibility of adding retinal nerve fibre layer thickness measures to ERG assessments for monitoring vigabatrin treatment in young (< 3 years) children. |
| **11.40** | **Aarti Patel** | Retinal and optic nerve development of full term and premature born children investigated by handheld spectral domain optical coherence tomography (HH SD-OCT) |
| **12.00** | **Arijit Chakraborty** | Naso-temporal asymmetry for global motion perception in uniocular children |
| **12.20** | **Daphne McCulloch** | Noise coherence as a threshold measure of stereopsis |

**12.40 Lunch**

**Session 11**

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| **1.30** | **Siobhan Ludden** | Reading and attention in relation to naturalistic accommodation response in typical children |
| **1.50** | **Valldeflors Vinuela-Navarro** | Evidence for fixation instability in children with Down syndrome |
| **2.10** | **T Rowan Candy** | Vergence responses to oscillating disparity in 5-10 week-olds |

**2.30 Announcement of Presentation Winners**

**CRVS next meeting venue announced**

**3.00pm Conference closes**

**3.15pm Bus leaves for Giant ’s Causeway visit. All delegates welcome. Note there will be some walking involved.**

**POSTERS**

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|  | NAME | Surname | AFFILIATION | Co-authors | TITLE |
| 1 | Nicola | Anstice | *School of Optometry and Vision Science, The University of Auckland* | *Lucy Goodman, Arijit Chakraborty, Nabin Paudel, Robert J Jacobs, Jane E Harding, Benjamin Thompson, on behalf of the CHYLD Study Group* | Vision screening at two years of age does not reduce the prevalence of impaired habitual visual acuity at 4.5 years of age |
| 2 | Unnisa | Begum | *School of Optometry and Vision Sciences, University of Waterloo* | *Daphne McCulloch, Benjamin Thompson* | Noise coherence stereo thresholds with degraded binocular vision |
| 3 | Shelley | Black | *Optometry & Vision Science Research Group, Ulster University* | *Emma McConnell, Julie McClelland, Julie-Anne Little and Kathryn Saunders* | The Blind Spot in Education Statements/Plans for Children with Special Educational Needs |
| 4 | Stephanie | Campbell | *School of Optometry & Vision Sciences, Cardiff University* | *J. Margaret Woodhouse, Keith M Meek* | Keratoconus in children and young people with Down’s syndrome |
| 5 | Naomi | Dale | *Clinical Neurosciences, UCL Great Ormond Street Institute of Child Health UK, Developmental Vision service, Great Ormond Street Hospital NHS Foundation Trust, UK* | *Sarah Glew, Elena Sakkalou, Michelle O'Reilly, Alison Salt* | Investigation of field conditions of early childhood intervention (ECI) with infants with congenital visual impairment: OPTIMUM cohort (England) |
| 6 | Sue | Doherty | *Optometry & Vision Science Research Group, Ulster University, UK* | *Lesley Doyle, Kathryn Saunders* | Cycloplegic versus non-cycloplegic retinoscopy in children:  when can optometrists be confident of achieving the same refractive error measurement with and without eye drops? |
| 7 | Maria | Fronius | *Ophthalmology Dept., Child Vision Research Unit, Goethe University Hospital Frankfurt/Main, Germany* | *Jessica Keller, Licia Cirina, Claudia Kuhli-Hattenbach, Yaroslava Wenner, Christian Hofmann, Thomas Kohnen* | Development of stereoacuity during monitored occlusion treatment for amblyopia beyond the conventional treatment age |
| 8 | Andrea | Guzzetta | *Department of Developmental Neuroscience, Stella Maris Scientific Institute, Pisa, Italy* | *F. Tinelli, S. Signorini, E. Pagliano ,A. Rossi, D. Ricci, G. Baranello* | The Visual Function Classification System: a new classification system for visual function in children with Cerebral Palsy |
| 10 | Lucy | Goodman  **Presented by N Anstice** | *School of Optometry and Vision Science, The University of Auckland* | *Nicola Anstice, Benjamin Thompson, Suzanne Stevens, and Trecia Wouldes* | Testing associative learning in one-year-old children using an eye blink conditioning paradigm |
| 11 | Gerdien | Holtslag | *Ophthalmology, Erasmus Medical Center Rotterdam* | *Aveen Kadhum, Gerdien Holtslag, Emily TC Tan, Huibert J Simonsz, Sjoukje E Loudon* | Patching or gaming in amblyopia treatment? |
| 12 | Shelley | Hopkins | *School of Optometry and Vision Science, Queensland University of Technology, Australia* | *Black, AA, White, S, Wood, JM* | Comparison of a VMI screening test to the full form test in Grade 2 children |
| 13 | Anna | Horwood | *University of Reading* | *Scarfe, Peter; Riddell, Patricia* | Modelling cue weighting for naturalistic vergence and accommodation responses |
| 14 | Rebecca | John | *WOPEC, Cardiff* | *None* | A Special School Eye Care Service in Wales: Pilot project progress and update |
| 15 | Richard | Johnston | *School of Psychology, University of Nottingham* | *Nicola J. Pitchford, Neil W. Roach, Timothy Ledgeway* | Temporal segmentation of motion and form information in adult poor readers |
| 16 | Julie | McClelland | *Optometry & Vision Science Research Group, Ulster University* | *Lesley Doyle, Jacqueline Lambe, Delores Loughrey* | Evaluation of a training programme to increase teachers’ awareness of visual problems in the classroom and how to address them |
| 17 | Emma | McConnell | *Optometry & Vision Science Research Group, Ulster University* | *Shelley Black, Julie-Anne Little, Julie Mcclelland, Kathryn Saunders* | In-school vision assessments for children in special education: is there a benefit for parents? |
| 18 | Lynda | McGivney-Nolan | *Optometry & Vision Science Research Group, Ulster University* | *Julie-Anne Little* | Do Children with Developmental Co-Ordination Disorder (DCD) have a higher prevalence of vision problems related to reading difficulties? |
| 19 | Daniela | Ricci | *Department of Developmental Neuroscience, IRCCS Stella Maris Scientific Foundation, University of Pisa, Italy* | *Mallardi Maria, Coratti Giorgia, Tinelli Francesca, Mariaelisa Bartoli, Ricci Daniela.* | Early attention in a population of Italian preterm children |
| 20 | Michael | Ntodie | *Optometry & Vision Science Research Group, Ulster University* | *Kathryn Saunders, Julie-anne Little* | Photorefraction measurements with the PowerRefractor III: comparison of calibration techniques to determine individual Hirschberg ratios |
| 21 | Veronica | O'Dwyer | *School of Physics & Clinical & Optometric Sciences, Dublin Institute of Technology, Kevin Street, Dublin.* | *Siofra Harrington, Dr Jim Stack and Dr Veronica O’Dwyer\*.* | Prevalence of myopia in school children in the Republic of Ireland |
| 22 | Anna | Pease | *University of Bristol* | *S Rogers, Cathy Williams* | “Problems” and “Solutions” reported by professionals working with children affected by cerebral visual impairment (CVI) |
| 23 | Hanna | Sakki | *UCL Institute of Child Health, London* | *Richard Bowman,Jenefer Sargent, Naomi Dale* | A systematic review of the definitions of childhood cerebral visual impairment |
| 24 | Alison | Salt | *Clinical Neurosciences, UCL Great Ormond Street Institute of Child Health UK, Developmental Vision service, Great Ormond Street Hospital NHS Foundation Trust, UK* | *Elena Sakkalou, Michelle O'Reilly, Clare Springall, Naomi Dale* | Detection vision development in a national cohort of young children with severe to profound visual impairment: OPTIMUM cohort |
| 25 | Huib | Simonsz | *Ophthalmology, Erasmus Medical Center Rotterdam* | *Jill Carlton, Helen Griffith, Anna Horwood, Inger Uhlén, Maria Fronius, Birkena Qirjazi, Daniela Rajka, Cristina Vladutiu, Hans Hoeve, Eveline Heijnsdijk, Harry de Koning, EUS€REEN Foundation* | EUSCREEN Study: Cost-optimized childhood vision and hearing screening programmes throughout Europe and beyond |
| 26 | John | Stein | *Dept. Physiology, Anatomy & Genetics, Sherrington bdg. Oxford* | *Anna Pitt* | Steady state visual ERPs distinguish dyslexic from normal readers |
| 27 | Catherine | Stewart | *City Uni, London* | *Michael P. Wallace, Merrick J Moseley, David A. Stephens, Alistair R. Fielder, and the MOTAS and ROTAS Cooperative* | Treatment of amblyopia using Personalized Dosing Strategies: Statistical modelling and clinical implementation |
| 28 | Branka | Stirn Kranjc | *Univ. Eye Hospital, Ljubljana, Slovenia* | *Alma Kurent, Jelka Brecelj* | Electrophysiology in infantile nystagmus syndrome |
| 29 | Catherine | Suttle | *City University, London* | *Amy Thompson* | Sources of information for clinical decision-making in paediatric optometry |
| 30 | Alicia | Thompson | *Aston University, Birmingham* | *Robert Cubbidge* | Application of facial anthropometry to spectacle frame design in children with Down’s syndrome |
| 31 | Valldeflors | Viñuela-Navarro | *School of Optometry and Vision Sciences, Cardiff University* | *Jonathan T Erichsen; Julie-Anne Little; Kathryn J Saunders; Cathy EM Williams; J. Margaret Woodhouse* | Eye movements in Down’s syndrome: Quality over quantity? |
| 32 | Helena | Veen | *Bartiméus Centre for Rare Visual Disorders, Zeist, The Netherlands* | *Florine Pilon, orthoptist* | How Annoying is it for children to get Eye drops? |
| 33 | Asma | Zahidi | *School of Optometry & Vision Sciences, Cardiff University* | *J. Margaret Woodhouse, Jonathan T. Erichsen, Lee McIlrevy* | Visual profile of children with Down’s syndrome and Nystagmus: A retrospective study |