



BASIS Annual Scientific Meeting

Programme

17th October 2011

Birkbeck, University of London



PROGRAMME

SESSION 1 – DEVELOPMENTAL STUDIES

CHAIR: Mark Johnson, Birkbeck, University of London

- 10.00-10.20** **Mark Johnson, Birkbeck, University of London**
Longitudinal study of baby siblings Phase 1 and 2
- 10.20-10.40** **Teodora Gliga, Birkbeck, University of London**
Biases and expectations: Visual exploration of dynamic scenes in toddlers with/without ASD
- 10.40-11.00** **Rachael Bedford, Institute of Education**
Do infants at-risk follow eye gaze?
- 11.00-11.20** **Break**
- 11.20-11.40** **Elena Kushnerenko, University of East London**
Exploring auditory perception and audiovisual integration in infants at-risk
- 11.40-12.00** **Elisabeth Hill, Goldsmiths, University of London**
Motor development profiles in autism

SESSION 2 – INVITED SPEAKER

CHAIR: Simon Baron-Cohen, Autism Research Centre, Cambridge

- 12:00-12.30** **Michael Spencer, Autism Research Centre, Cambridge**
Neuroimaging endophenotypes of autism: a study of teenage siblings
- 12:30-12.40** **Discussion**
- 12:40-1:20** **LUNCH**

SESSION 3 – BRAIN IMAGING

CHAIR: Patrick Bolton, Institute of Psychiatry, Kings College London

- 1:20-1.40** **Joe McCleery, University of Birmingham**
Language-related processing in toddlers at-risk for autism or language-learning impairment
- 1.40-2.00** **Anna Blasi, Institute of Psychiatry, Kings College London**
Voice processing in early infancy with fMRI and fNIRS; preliminary results from four - six month olds"
- 2:00-2:20** **Mayada Elsabbagh, Birkbeck, University of London**
Brain function predictors of variable outcomes in infants at-risk
- 2:20-2:40** **Daniel Stahl, Institute of Psychiatry, Kings College London**
Novel machine learning methods for ERP analysis
- 2:40-3:00** **Break**

SESSION 4 – CLINICAL STUDIES

CHAIR: Gillian Baird, Guy's and St-Thomas' NHS Trust

3.00-3.20

Greg Pasco, Institute of Education

The use of the ADOS in BASIS

3.20-3.40

Jonathan Green, University of Manchester

Intervention for infants at-risk for developing autism – A case series

3.40-4.00

Paul Gringras, Guy's and St-Thomas' NHS

Sleep endophenotypes in childhood autism

SESSION 5 – EUROPEAN INITIATIVES

CHAIR: Tony Charman, Institute of Education

4:00-4.20

Tony Charman, Institute of Education

COST ESSEA Update

4:20-4.50

General discussion and closing

RECEPTION 5:00-6:00 pm