

## Programme

11:00 – 12:00 Registration + Coffee + Posters

### Session 1

**12:05 – 12:35 Alexander Toet (TNO Soesterberg)**, *Colour night vision: system development and observer evaluation studies*

12:35 – 12:55 Ian Moorhead, *Visualising glare in the human eye*

## LUNCH & POSTERS

13:45 – 14:15 AVA ANNUAL GENERAL MEETING

### Session 2

**14:15 – 14:45 Kathy Mullen (McGill University)**, CRS Lecture: *The perceptual combination of colour and luminance contrast*

14:45 – 15:05 Kinjiro Amano, *Predictability of melanopsin signals from luminance signals in natural scenes*

15:05 – 15:25 Jonas Larsson, *Individual variations in cortical GABA levels are associated with contrast adaptation magnitude*

15:25 – 15:45 Li Zhaoping, *A feedforward-feedback-verify-weight process for analysis-by-synthesis explains a difference between central and peripheral vision in ambiguous perception*

## COFFEE & POSTERS

### Session 3

**16:15 – 16:45 David Foster (University of Manchester)**, Geoffrey J Burton  
Lecture: *Hyperspectral imaging and visual inference*

16:45 – 17:05 Keith Langley, *Linking position shifts, frequency shifts and smoothing in the visual system*

17:05 – 17:25 Chloe Robbins, *Comparing drivers' gap acceptance thresholds for cars and motorcycles at junctions*

17:25 – 17:45 Doran Amos, *Algorithm for visually-guided route navigation ('insect-inspired')*

## DRINKS & POSTERS