

HKU-International Workshop on Vision Science

July 11, 2013

Organizers: Dr. Li Li and Prof. William Hayward

Social Sciences Chamber, 11th FL, Jockey Club Tower, Centennial Campus, HKU

This workshop organizes a panel of worldwide leading vision scientists to present their latest research work that uses behavioral, computational, neurophysiological, and/or brain-imaging approaches to address various topics in Vision Science such as spatial vision, motion perception, and perception and action.

The registration for this workshop is **REQUIRED** and **FREE**. To register, please send an email to Diederick Niehorster (dcniehorster@hku.hk). Registration is open until July 10th, 2013.

Schedule:

Morning session:

- 9:25 am Dr. Li Li (HKU)
Welcome
- 9:30 am Prof. Barbara Gillam (University of New South Wales)
New Insights into the genesis of subjective contours from studies of linear alignments and linear gaps
- 10:00 am Prof. Harold Sedgwick (SUNY State College of Optometry)
Orientation, location, and scale in the visual perception of extrapersonal space
- 10:30 am Coffee break
- 10:45 am Prof. Frans Verstraten (The University of Sydney)
Why transparent motion has still lots to offer: some unresolved issues
- 11:15 am Dr. Li Li (HKU)
Perceiving path from optic flow
- 11:45 am Lunch Break

Afternoon session:

- 2:00 pm Dr. Tim Meese (Aston University)
Spatial integration of luminance contrast
- 2:30 pm Dr. Isabelle Mareschal (Queen Mary University of London)
Spatial structure of context
- 3:00 pm Coffee break
- 3:15 pm Dr. Samuel Solomon (University College London)
Distributed encoding of visual space in area MT of the marmoset monkey
- 3:45 pm Prof. Bosco Tjan (University of Southern California)
Relating fMRI BOLD signal to neuronal activity in a human model
- 4:15 pm Prof. William Hayward (Head of Department of Psychology, HKU)
Conclusion