

Department of
Computing



UniS
University of Surrey
Guildford

IAS | Institute
of Advanced
Studies

Workshop on Biologically Inspired Information Fusion

University of Surrey

Tuesday 22nd August –
Wednesday 23rd August 2006

Programme

EPSRC Engineering and Physical Sciences
Research Council

IAS | Institute
of Advanced
Studies

Grant Number: EP/E012795/1

www.cs.surrey.ac.uk

www.soc.surrey.ac.uk/ias/workshops/biif/

Tuesday 22nd August

08:30	<i>Registration/enquiries desk open *</i>	Foyer #
09:30	Welcome: Aims and Objectives Matthew Casey, University of Surrey	80 MS 02
10:00	Tutorial 1 Parallel Principles Govern the Integration of Multisensory Information at the Single Neuron and Behavioural Levels Barry Stein, Wake Forest University School of Medicine	80 MS 02
11:00	<i>Refreshments</i>	39 MS 02
11:30	Tutorial 2 Multi-sensory Robotics Gerard McKee, University of Reading	80 MS 02
12:30	<i>Lunch</i>	39 MS 02
13:30	Discussion 1 Information Coding in Spike Trains Alex Thomson, London University	80 MS 02
14:15	Discussion 2 Distance From Discriminability: A Fechnerian Scaling Approach to Multisensory Integration Hans Colonius, Oldenburg University Adele Diederich, International University Bremen	80 MS 02
15:00	<i>Refreshments</i>	39 MS 02
15:30	Student Presentations Information Recovery from Rank-Order Encoded Images: B. Sen & S. Furber Multi-Sensor Fused Video Assessment using Scanpath Analysis: T. Dixon et al Directing Visual Attention towards Human Activity: C. Bennett & K. Ahmad	80 MS 02
16:45	Workshop: Linking the Disciplines Matthew Casey, University of Surrey Paul Sowden, University of Surrey	80 MS 02
17:30	<i>Close of day</i>	
19:00	<i>Workshop dinner</i>	Lakeside

* The registration/enquiries desk will be open from 8:30 to 12:30.

All activities to take place in the School of Management building, unless otherwise stated.

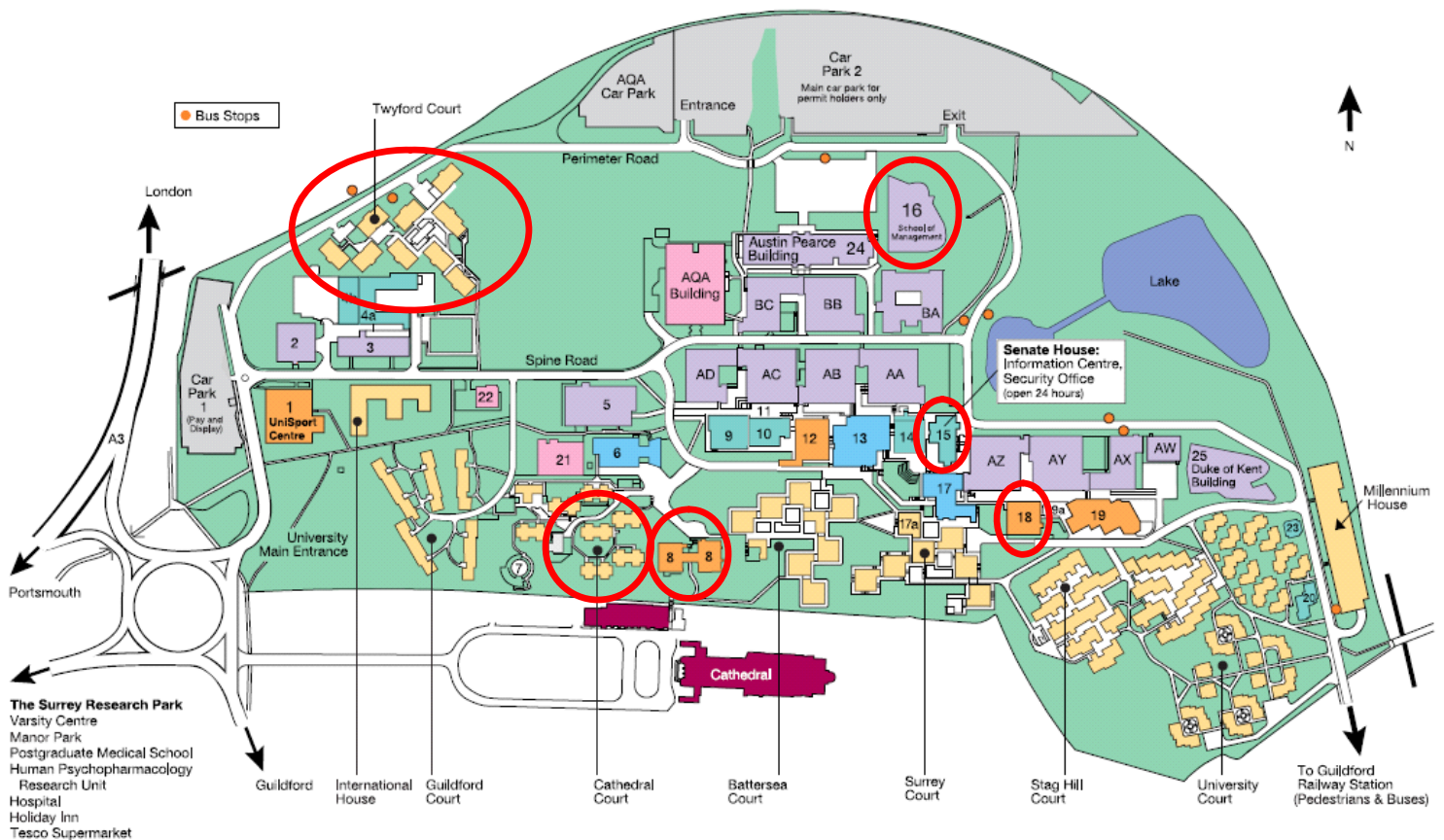
Wednesday 23rd August 2006

09:00	<i>Registration/enquiries desk open *</i>	Foyer #
09:30	Tutorial 3 Principles of Multisensory Integration Derived from Behavioural and Neurophysiological Studies Gemma Calvert, University of Bath Charles Spence, Oxford University	80 MS 02
10:30	<i>Refreshments</i>	39 MS 02
11:00	Tutorial 4 Information Fusion in the Context of Human-Machine Interface for Synergistic Exploitation of their Complementary Capabilities Belur Dasarathy, Editor-in-Chief Information Fusion	80 MS 02
12:00	Workshop: Priorities and Objectives Matthew Casey, University of Surrey Paul Sowden, University of Surrey	80 MS 02
13:00	<i>Lunch</i>	Lakeside
14:00	Discussion 3 Audio-Visual Speech Processing: A Case Study of Biologically-Inspired Information Fusion Bob Damper, University of Southampton	80 MS 02
14:45	Discussion 4 Audition: More Than Speech Recognition! Leslie Smith, University of Stirling	80 MS 02
15:30	<i>Refreshments</i>	39 MS 02
16:00	Workshop: Identifying Collaboration Matthew Casey, University of Surrey Paul Sowden, University of Surrey	80 MS 02
17:00	<i>Close of workshop</i>	

* The registration/enquiries desk will be open from 9:00 to 10:00.

All activities to take place in the School of Management building, unless otherwise stated.

Venue



All workshop activities will take place in the **School of Management (16)**:

- Tutorials, discussions and presentations: **80 MS 02 (16)**
- Day-time Internet access: **81 MS 02 (16)**
- Refreshments: **39 MS 02 (16)**
- Registration and enquiries: **ground floor foyer (16)**

Lunch and dinner will vary each day:

- Lunch Tuesday 22nd: **39 MS 02 (16)**
- Workshop dinner Tuesday 22nd: **Lakeside restaurant (16)** from 7:00pm
- Lunch Wednesday 23rd: **Lakeside restaurant (16)**

Outside of these times, for those people staying on campus:

- Drinks reception Monday 21st: **ground floor foyer (16)** from 7:00pm
- Breakfast Tuesday 22nd, Wednesday 23rd: **Seasons restaurant (18)**
- Dinner Wednesday 23rd: **Wates House (8)**
- Breakfast, lunch and dinner at all other times: **Wates House (8)**
- Accommodation: **Twyford Court**
- Accommodation office for keys: **Cathedral Court (8:00am to 7:00pm Monday to Friday, 8:00am-12:00noon Saturdays); Security Office (15)** outside of these times