

Programme (as at 24 March) for

Training Workshop: fMRI in Vision and Action Research (FIVAR)

held in conjunction with research training network grant
HPRN-CT-2002-00226 from the European Commission

Tuesday 1 April to Friday 4 April 2003

Royal Holloway, University of London, Egham, Surrey, UK

Days 1-3 in and around the Executive Room (MX01), School of Management Studies.

Day 4 in the Dept. of Psychology (based in room 128).

DAY 1 (Tues 1 April): Fundamentals

- 11.30-13.15 Registration and buffet lunch
- 13.15-13.30 Introduction
- 13.30-14.30 Basic principles of MR physics
Dr Donald McRobbie, Imperial College Faculty of Medicine
- 14.30-15.00 Functional imaging: the BOLD response
Dr Gavin Houston, Royal Holloway, University of London
- 15.00-15.30 tea
- 15.30-16.30 Diffusion-weighted imaging
Dr Rebecca Quest, Imperial College Faculty of Medicine
- 16.30-17.30 Functional connectivity
Prof. Karl Friston, Institute of Neurology, UCL
- 18.00-19.30 Drinks reception (to mark scanner inauguration) - all registrants welcome

DAY 2: (Weds 2 April): Experimental design and principles of analysis

- 09.30-10.30 Design objectives
Dr Paul Downing, University of Wales, Bangor
- 10.30-11.00 Block designs
Dr Gavin Houston, Royal Holloway, University of London
- 11.00-11.30 coffee
- 11.30-12.30 Event-related designs
Dr Rik Henson, Institute of Neurology, UCL
- 12.30-13.00 Other designs
Prof. Andy Smith, Royal Holloway, University of London
- 13.00-14.00 Lunch

- 14.00-15.00 Analysis objectives
Dr Krish Singh, Aston University
- 15.00-16.00 Statistical parametric mapping (SPM)
Dr Matthew Brett, MRC-CBU, Cambridge
- 16.00-16.30 tea
- 16.30-17.30 Non-parametric approaches: BAMB
Prof. Mick Brammer, Institute of Psychiatry, London
- 19.30 Workshop Dinner, Loch Fyne, Egham

DAY 3 (Thurs 3 April): fMRI Data Analysis software, applications of fMRI

- 09.30-10.30 FSL and Freesurfer
Dr Steve Smith, University of Oxford
- 10.30-11.00 Brain Tools
Dr Clare Mackay, University of Oxford
- 11.00-11.30 Coffee
- 11.30-12.30 Brain Voyager
Dr Alex Wade, Smith-Kettlewell Institute, San Francisco
- 12.30-13.00 Stanford software
Dr Tony Morland, Royal Holloway, University of London
- 13.00-14.00 lunch AND sign-up for Friday sessions
- 14.00-14.30 Other analysis software
un-manned presentation prepared by Dr Adrian Williams, Royal Holloway
- 14.30-15.30 fMRI studies of vision: what we know so far
Prof. Andy Smith, Royal Holloway, University of London
- 15.30-16.30 tea
- 16.30-17.30 fMRI studies of action: what we know so far
Prof. Umberto Castiello, Royal Holloway, University of London

DAY 4 (Fri 4 April): Hands-on experience

09.00-10.00 Demonstrate Siemens Trio system and ancillary equipment. Group A

10.00-11.00 Demonstrate Siemens Trio system and ancillary equipment. Group B

10.00-11.30 coffee

11.30 onwards: Demonstration of data analysis in parallel small groups, as follows:

	11.30-13.00	13.00-14.00	14.00-15.30	15.30-16.00	16.00-17.30
Room 342	SPM (introductory) <i>Stephan Kiebel</i>	Lunch Room 128	SPM (introductory) <i>Stephan Kiebel</i>	Tea/coffee Room 128	SPM (introductory) <i>Stephan Kiebel</i>
Room 342	SPM (advanced) <i>Rik Henson</i>		SPM (advanced) <i>Rik Henson</i>		SPM (advanced) <i>Rik Henson</i>
Room 130	Brain Voyager <i>Alex Wade</i>		Brain Voyager <i>Alex Wade</i>		Brain Voyager <i>Alex Wade</i>
Room 126	FSL <i>Steve Smith</i>		FSL <i>Steve Smith</i>		FSL <i>Steve Smith</i>
Room 254	BAMM <i>John Suckling</i>		BAMM <i>John Suckling</i>		BAMM <i>John Suckling</i>
Room 344	BrainTools <i>Andy Smith</i>		BrainTools <i>Andy Smith</i>		BrainTools <i>Andy Smith</i>
Room 212	Stanford <i>Tony Morland</i>		Stanford <i>Tony Morland</i>		Stanford <i>Tony Morland</i>

17.30 Workshop ends