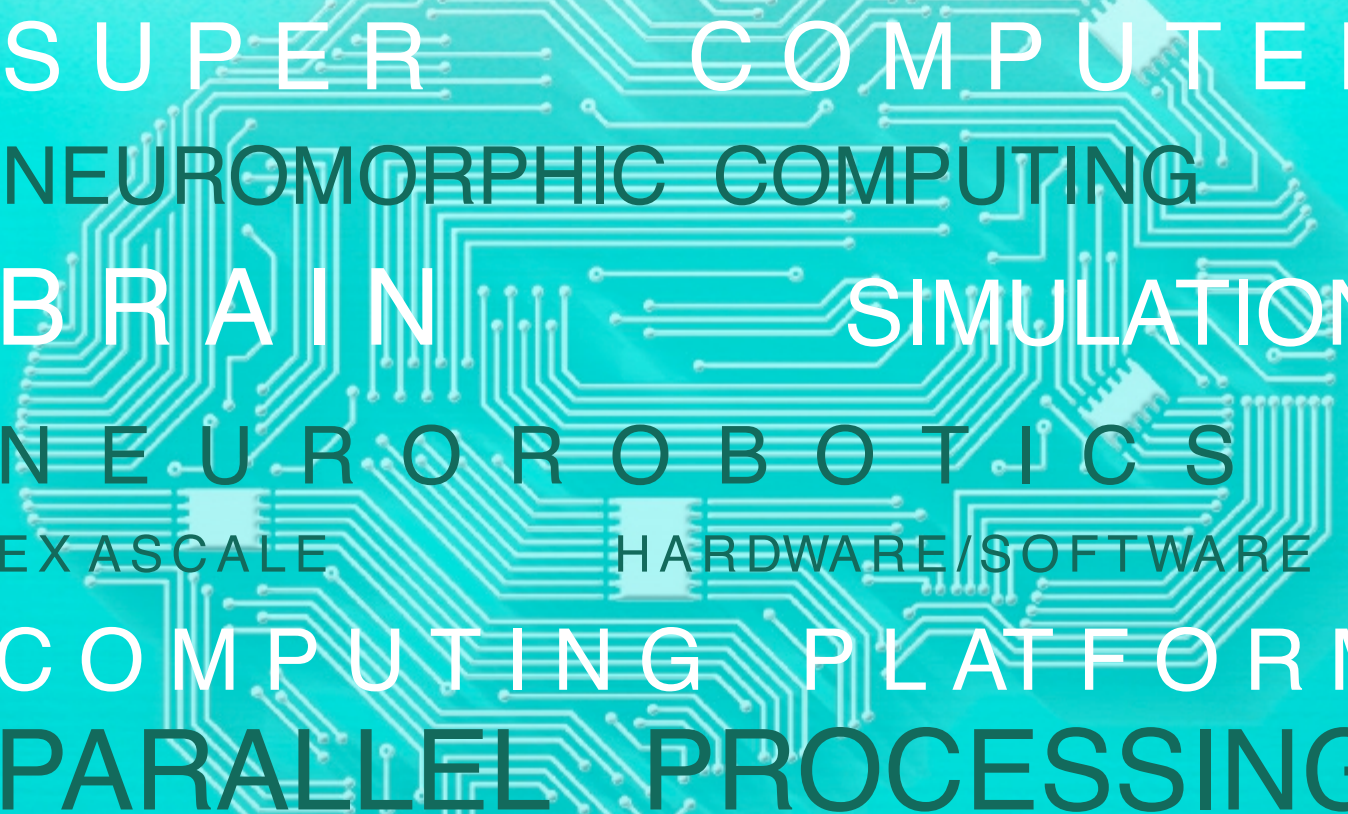**Human Brain Project**

3RD HBP EDUCATION WORKSHOP
FUTURE COMPUTING

Shrigley Hall Hotel, Manchester, UK
11-15.January.2016

Application deadline: 16.November.2015

SUPER COMPUTER
NEUROMORPHIC COMPUTING
BRAIN SIMULATION
NEUROROBOTICS
EXASCALE HARDWARE/SOFTWARE
COMPUTING PLATFORM
PARALLEL PROCESSING

Organisers:

David Lester
Ruth Maddocks I UMAN
Alois Saria, Christiane Riedl,
Elisabeth Wintersteller I IMU

European Commission

MANCHESTER 1824
The University of Manchester

MEDIZINISCHE UNIVERSITÄT INNSBRUCK

For enquiries contact:

education
@humanbrainproject.eu

Human Brain Project

The 3rd HBP Workshop - Future Computing - in Manchester, UK is organised by the HBP Education Programme Office together with the scientific director, David Lester (UMAN).

Student application information:

Participation in the 3rd HBP Education Workshop 2016 - Future Computing - is open to advanced master students, PhD students and postgraduate students working in one of the research areas covered by the project. Up to 30 participants will be selected from a competitive application process based on pre-defined criteria.

Students can apply at:
https://education.humanbrainproject.eu/web/hbp-education-portal/courses

Selected students will receive free accommodation in shared rooms and full board.
A limited number of travel grants may be provided. There is no registration fee.

Programme:

This is the third and final workshop organised by the Human Brain Project Education Programme during its first phase, and will present thoughts on the emerging trends and directions we may expect in the next five to ten years. Amongst other topics, we will have presentations on:

- Future Developments in Theoretical Neurosicence
  Gaute Einevoll (UMB)
- Future Developments in Supercomputer Technology
  Thomas Lippert (FZ Jülich)
- Future Developments in Informatics Technology
  Sean Hill (EPFL)
- Future Developments in Medical Informatics Technology
  Richard Frackowiak (CHUV)
- Future Developments in Neuromorphic Technology
  Karlheinz Meier (UHEI)
- Future Developments in Microprocessor Design
  Steve Furber (UMAN)
- Future Developments in Neurorobotic Technology
  Alois Knoll (TUM)
- Future Developments in Brain Simulation
  Felix Schürmann (EPFL)

In addition, many of the technical experts working on HBP will be present at a collocated "CodeJam"; you are encouraged to interact with these experts as well as the speakers.

The workshop will start on Monday, January 11th 2016, with the registration and end the evening of Thursday, January 14th 2016. Friday, January 15th is departure day.

Application deadline
16.November.2015

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