

Minutes for the 3rd EPSRC HAM Network Project to be held at the University of Sheffield on 5 July 2007

12.00 – 18.00 pm, Thursday, 5 July 2007

Participants:

Prof Darwin Chaldwell
Prof David Owens
Prof Hongnian Yu (Chair)
Prof Quan Zhu

Apology: Prof Robert Parkins; Prof Lakmal Senevratne

1 Journal special issue on HAM

The special issue can be used as a preparation for the book on HAM later on. This is discussed intensively during the meeting. It has been preliminarily scheduled in the 7th issue in 2008. There are total 150 pages. It is suggested to have two types of papers: regular papers (8-10 pages) and short papers or notes (2-3 pages).

It will have about 12 - 15 papers depending on the response. There are five sessions or areas: 1) Introduction to the HAM concepts; 2) Intelligence session; 3) Human session; 4) Mechatronic/robotic session; 5) Computer network and control session. Each session will have 3-4 papers apart from session 1).

The deadline for the submission: 1 November 2007

Review and revise: 10 January 2008

Whole package to the publisher: 1 February 2008

Publish in November 2008

Contribution party will be: the UK members (about 5 papers), Japanese members (about 5 papers), the other international researchers (about 4-5 papers). Initially, all network members will be invited to contribute a paper. If the papers are not enough, a call for paper will be published.

Action: HY will write a brief call for paper after discussing with the Japanese partners and will distribute the invitations to the relevant party.

2 Book on HAM

There are two steps: 1) to contact with the Springer (publisher) to obtain the book proposal; 2) to draft the book proposal

The book will have 4 to 5 parts and each part will contain 4-5 chapters. It will have about 20 chapters (150-300 pages).

The market of the book: MSc students, 1st year PhD students; Final year students and R&D researchers

Time scale: one year from now

Action: HY will contact with the Springer publisher to obtain the book proposal form and will write the first draft proposal after discussing with the Japanese partners.

3 Express of Interests on HAM to FP7 NoE

This has been discussed in the meeting. Ideally an NoE has about 20 partners. A certain research element can be built into the NoE. Currently, the partners from Italy, UK, Japan, China have expressed their interests. It is suggested to write an EOI which will be published on the FP7 website to have more relevant partners.

Action: HY will write the draft EOI

4 Discussion of the collaboration between the UK and Japanese teams

It is suggested to make a Royal Society bid on the link project.

Action: HY to discuss with the Japanese partners

5 HAM workshops

The network will be involved in organizing two HAM workshops next year, one in Japan and one postgraduate workshop in the UK.

HY will discuss with the Japanese partners for the HAM workshop in Japan.

It is suggested to organize a postgraduate workshop on HAM along with UKACC in Oct 2008. It will ask the EPSRC to fund for inviting 2-3 international leading researchers on HAM and to fund about 30-40 PhD students to participate the workshop.

Action: QZ to contact with Prof Wang at Manchester University for the possibility to organize the workshop; to write an EPSRC bid for finance support of the workshop.

6 AOB

DC suggests inviting the UK researchers to work with his institute. He will make the invitation when he completes his team.

Next meeting will be in Loughborough University in September 2007.