The University Of Sheffield.

Department

Of

Computer

Science.

Minutes

Meeting of Industrial Advisory Board

Date	31-August-16		
Present	Fabio Ciravegna	[FC]	Chair of Industrial Liaison, TUoS
	Guy Brown	[GJB]	Head of Department, TUoS
	Malcolm Beattie	[MB]	IBM
	Achim Brucker	[AB]	Senior Lecturer, TUoS
	Mandy Chessell	[MC]	IBM
	Richard Clayton	[RHC]	Deputy Head of Department, TUoS
	Andy Fawkes	[AF]	Bi Simulations
	David Forrester	[DF]	Lightwork designs
	Rob Gaizauskas	[RJG]	TUoS
	Thomas Hain	[TH]	Professor of Speech and Audio Technology TUoS
	Steve Maddock	[SCM]	Director of Teaching, TUoS
	Tony Simons	[AJHS]	Director of UG admissions, TUoS
	Mike Stannett	[MPS]	Accreditation and BCS contact, TUoS
	Georg Struth	[GS]	Professor of Theoretical Computer Science, TUoS
	Dirk Sudholt	[DS]	Admissions Tutor for MSc ACS and CSLP
	Alice Tucker	[ABT]	Minutes, TUoS
	Andrew Tune	[AT]	ARM Ltd
	Stu Wrigley	[SW]	Business Development Manager, TUoS

Apologies   None received

1.   Welcome and apologies

Noted: FC welcomed the committee and acknowledged apologies.

Noted: FC explained that this is the first year time the board was meeting for a second point in the year and this is to coincide with the MSc Poster Session.

2.   Minutes of last meeting

Noted: It was agreed that the minutes of the last meeting were a fair and accurate record. There were no actions to discuss.

3.   Head of Department presentation (GJB)
(http://staffwww.dcs.shef.ac.uk/people/Alice.Tucker/IAB_160831.zip)

Departmental update:
Close collaboration is what makes IAB so important to us. GJB introduced the Insigneo, Robotics, CATCH and SiTraN centres. GJB reiterated that working closely with industry is high on the departments agenda and has formed part of our current aims. The department has been very successful in REF and because of this has been through strategic review resulting in recruiting in the area of Security at Professorial level.

GJB highlighted the Advanced Computing Research Centre which was HEFCE funded but has not become self-funding so will be brought in house and be a 'shop window' in the department rather than independent.

4.   Group Presentations (Available at:
    http://staffwww.dcs.shef.ac.uk/people/Alice.Tucker/IAB_160831.zip)

Heads of Research Groups gave short presentations outlining group interest, focus and significant funded projects.

Visual Computing (SCM) Presentation available above (Visual_IAB_2016.pptx)
Testing (AJHS) Presentation available above (Testing_IAB_2016.pptx)
Natural Language Processing (RJG) Presentation available above (NLP_IAB_2016.pdf)
Speech and Hearing (TH) Presentation available above (SpandH_IAB_2016.pdf)
Verification (GS) Presentation available above (Verification_IAB_2016.pdf)
Question from AT regarding Automative safety – Could verification of fault detection be used? GS said that in the domain of computer hardware there was no direct expertise but it would be possible.
Algorithms (DS) Presentation available above (Algorithms_IAB_2016.pptx)
Organisations, Information and Modelling (FC)
Complex Systems Modelling (RHC) Please see webpage:
http://www.sheffield.ac.uk/dcs/research/groups/complex-systems-modelling

5.   How to collaborate with our Department – (SW)Collaboration_IAB_2016.pptx
(http://staffwww.dcs.shef.ac.uk/people/Alice.Tucker/IAB_160831.zip).

This presentation is available online. There are many ways to collaborate with our Department. SW wanted to highlight the Ike funding in particular which is a fund that is available to kick-start new collaborations. SW encouraged anyone who had any ideas for collaboration to come and

speak to him to discuss all the available options.

6. Its Language (TH) SpandH_IAB_2016.pdf (Slides 7-8)
(http://staffwww.dcs.shef.ac.uk/people/Alice.Tucker/IAB_160831.zip)
TH gave an overview of Its Language, a successful industrial project in the Speech group. The slides are available online.

7. Football Whispers (FC)
FC also gave a brief overview of the industrial Project Football Whispers and its success going forward.

8. AOB
This was opened up to questions or suggestions from IAB members.

MC asked about Multi-modal Environments and Speech, and if Robotics could bring this all together. GJB agreed this was an area to explore.
MB asked about text analysis and if there are linguists involved (who are multi-lingual)
AT pointed out that he felt that testing seemed to be lacking when speaking to the students. AT said that unit testing seemed to be random and no formality shown. This is something to consider as a very large proportion of time is spent on Testing and Verification at ARM Ltd.

Date of next meeting: 10 May 2017.

9. Best Poster
Jessica Magallanes Castaneda, *Capturing your heart rate using a smartphone,* £75 Amazon voucher sponsored by IBM
2nd Place Poster: Richard Marshall, Activity tracking in the smart home.   £50 Amazon voucher sponsored by IBM