The University Of Sheffield.

Minutes of the Industrial Advisory Board Meeting

Date **Thursday 6th September 2017**

Attending	Guy Brown	[GJB]	Head of Department, Chair, TUoS
	Sam Biggins	[SB]	Evoluted
	Kirill Bogdanov	[KB]	Placements Officer, TUoS
	Fabio Ciravegna	[FC]	Chair of Industrial Liaison, TUoS
	Andy Fawkes	[AF]	Bi Simulations
	Thomas Hain	[TH]	Head of Speech & Hearing Group, TUoS
	Aiden Lockwood	[AL]	AMRC
	Steve Maddock	[SCM]	Chair of Strategic Review Teaching Group
	Tony Simons	[AJHS]	Director of UG admissions, TUoS
	Mike Stannett	[MPS]	Accreditation and BCS contact, TUoS
	Gavin Watson	[GW]	NCC Group
	John Wright	[JW]	Indigo Blue
	Stuart Wrigley	[SW]	Business Development Manager, TUoS
Apologies	Sarah Ashworth	[SA]	Sky Betting and Gaming
	Malcolm Beattie	[MB]	IBM
	Claire Berry	[CB]	NCC Group
	Ashley Bridgeman	[ABr]	Sky Betting and Gaming
	John Brown	[JB]	Ask4
	Mandy Chessell	[MC]	IBM
	John Clark	[JC]	Head of Security Group
	Craig Elliot	[CE]	ARM Ltd
	David Forrester	[DF]	Lightwork designs
	Ed Holdsworth	[EH]	Practical Control Ltd
	Mark Hepple	[MRH]	Accreditation and BCS contact
	Harriet Holman	[HH]	epiGenesys
	Matt Hughan	[MH]	Sky Betting and Gaming
	Paul Hill	[PH]	GS
	Claire Johnstone	[CJ]	Sky Betting and Gaming
	Andy Mayer	[AM]	Yoomee
	Phil McMinn	[PM]	Director of Teaching, TUoS
	Jonny Rippon	[JR]	Hive IT
	Ben Short	[BS]	Employability Placement Manager
	Lucia Specia	[LS]	Professor of Language Engineering
	Tom Thomas-Litman	[TTL]	Student rep, TUoS

Ash Young   *[AY]*   *Evoluted*

1. Welcome and apologies

FC welcomed everyone to the IAB meeting.

Apologies were noted from Malcolm Beattie and Mandy Chessell.

2. Minutes of last meeting

The minutes of the last meeting were reviewed.

GJB confirmed that he had completed his action on the (IOC) Institute of Coding bid and thanked members for their support and contribution.

GJB confirmed that the visit of John Clark to NCC group is ongoing.

3. Head of Department update (GJB) Presentation (hod-slides.pptx)
A copy of the presentation can be found here; HoDs Presentation - IAB 6/9/17

Departmental update:

3.1 Student Recruitment Update
GJB confirmed that this had been a really strong year for student recruitment, with expected numbers to be 240.
Generally computer science is very buoyant at the moment with a lot of students wanting to study at Sheffield. We just about met our target for home recruitment and far exceeded our target for overseas students.
Improved entry tariff with the A level qualifications means we are able to grow with quality students.
It is not clear at this stage how many masters students we will have, but we expect circa 100 students this year.
The new Data Analytics course has really taken off and could well be our biggest course next year.

3.2 IOC - Institute of Coding
Up to £20 million of funding to establish an institute to serve as a national focus for improving digital skills provision at Levels 6 and 7.

GJB confirmed that interviews are to be held on the 11th September, when we will find out if we have been shortlisted.

Comments;
JW Questioned if this would be an all or nothing bid. GJB confirmed that this would go to one winning bid. It is uncertain at this stage how many bids we are competing against.

JW Queried who the partners were. Those involved include Bath, Newcastle, Aston, Queen Mary, Southampton, Lancaster, Birmingham, the Open University, FutureLearn, and the Tech1 Partnership.

AF - What would be the next steps of the process?
GJB - We focusing on making student-run companies projects more accessible to other institutions, essentially producing a "how to" guide for our successful Genesys spin-out company.

The other part is around data analytics, where IBM have offered £1M in matched funding. We will gather individual student preferences for the way they learn, the materials they access. IBM are also interested in broadening this into a career advice service.

AF - When would it start?
GJB - Unsure - we hope November.

3.3 - New Course Proposal

GJB advised that we are looking to introduce a MSc programme in Cybersecurity and AI in September 2018.

We will also be seeking HEFCE support for this new course. This will also be made available as continuous professional development and short courses and we would be very interested to get feedback from IAB members on this.

3.4 - Recruitment Plans

GJB Confirmed that we had met our 5 year plan for student recruitment in 2 years, which means we have had to bring our plans for staff recruitment forward.

GJB confirmed we will be concentrating our recruitment in the areas of testing and verification and are currently recruiting in the following areas:
- Machine learning and robotics
- Machine learning and computational neuroscience
- University teacher
- Algorithms

4. MSc Student Poster Session
It was queried what the timescale was for setting up student projects.
GJB confirmed that undergraduate projects have been set and masters projects will be sent out in November.
Action - Project tutor to send out request for proposals to the board for masters projects in November.

5. Active 10 App
FC provided a presentation on the Active 10 App, which is being supported by Public Health England. It uses tracking technology, with the aim to get people walking briskly for 10 minutes a day, (ie just walking a little faster when walking the dog). It was clarified that this is not in competition with the FitBit or aimed at those people who are already into exercising.

FC described Active 10 are far more than an app: it is an entire infrastructure in tracking mobility of users and we can then get large scale data analytics. The app has over 300,000 downloads (400,000 in October). FC advised that the department is providing full engineering deployment and support for PHE and that they are supported by our own spin out company K-Now.

Comments;
AF - My sister and I downloaded the app and we struggled to keep walking for 10 minutes as this seemed to pause when we were crossing roads.
FC - We have received a lot of feedback about this type, it you take a stop for longer than 2 minutes then your heart rate will go down, so this is no longer considered an active 10. We also need to take into consideration the quality of the phone. We are discussing with PHE on how to change the definition of an Active 10 to allow for more stops without reducing impact.

GJB - What is the long term plan for using the data?

FC - We are providing support to PHE for data analysis through a data analytics platform. It enables studying data per postcode (with connection to socio-economic governmental data), as well as stratification by type of user (power user Vs sedentary user, etc.). We are also discussing with city councils on how to release the data to them

JW - What's the funding at the moment and what are you looking to do in the future?
FC- the tracking activity is being funded by SETA, a European project on tracking mobility in large metropolitan areas that I coordinate. We are looking to use this for sports tracking and have competitions between cities. Core tracking and Apps are the two parts of this project.
JW advised that he was interested in further discussion about this project.
Action: FC to contact JW.

6. MSc Student Social
Information about the poster session was handed out in the packs to panel members and update given about a change to some of the students locations.

7. AOB

There was no other business.

8. Date of next meeting: To be confirmed.