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Join us at T4I, the Technology for Independence Conference

Open Access
Publications

with topics around Assistive Technology and service
innovation across health, education, employment
and daily living.



Monday 28th Nov 2016

08.30 - 17.30

St. Mary's Church & Conference Centre, Sheffield, S2 4QZ

Register now via: www.t4i2016.org.uk

Impact
of IoT



Free
Social Event*

Monday, 28th November 2016

TIME	TITLE	SPEAKER
08.30	Registration	
09.00	Opening	Simon Fielden
09.10	Plenary: How to close the gap between what is technically possible and practically available?	Luc de Witte
10.00 - 10.30	Coffee break	
10.30	Simplicity is the Ultimate Sophistication	Andrea Kirton
10.50	EyeGaze case study	Darren Hall
11.10	The use of technology to provide physical interaction for cognitively able young people who have complex physical disabilities	Mark Moseley
11.30	Advanced switches and other new developments in access	Neil Fitzgerald
12.00	The potential application of EMG as assistive technology: a usability study	Nasrin Nasr
12.20 - 13.30	Lunch	
13.30	The emergent IoT and the impacts that are expected in Social care	Stephen Purdham
14.30	Developing Effective Intelligent Assistance for the Powered Wheelchair User	Michael Gillham
14.50	Modifications to Customer Relationship Management (CRM) database system to enable the use of speech recognition software	Manuel Barradas
15.10 - 15.40	Coffee break	
15.40	Novel Navigation of AAC Device	Sally Darley
16.00	DrawTalk, an alternative input method for an AAC aid	Dr. Peter O'Neill
16.20	Personalise, Localise, Globalise: Symbols to enhance Independent Communication	E.A. Draffan
16.40	Digital Talking Mats: a tool to enhance communication	Dr Joan Murphy
17.00	A Case Study Report of technological Aids for Episodic Memory	Sarah Ward
17.20 – 17.30	Close	Mark Hawley and Simon Fielden

More talks after lunch in the Garden Room

TIME	TITLE	SPEAKER
13.30	Terminology, understanding AT and practice	Abi James and E.A. Draffan
13.50	Stepping Stones for people with cognitive disabilities and low digital literacy	Steve Lee
14.10	Designing Collaborative Virtual Environments for children on the Autism Spectrum	Bryan Boyle
14.30	STEM Enable: improving STEM accessibility through knowledge sharing	Abi James
14.50	Supplementing face-to-face counselling with guided use of a well-being app in a university counselling setting: A feasibility trial	Emma Broglio
15.10	Coffee break	
15.40	Best practices for creating note-taking independence with audio-editing technology	Dave Tucker
16.00	Disabled people crossing the digital divide: Supporting independence with digital skills in the community	Emily Redmond
16.40 - 17.20	Open Design: A proposed web service to facilitate sharing of hardware and software solutions in AT	Paul Hewett



The Recent Advances in Assistive Technology and Engineering Conference (RAatE) ran successfully for over 10 years.

This relaunch, under the banner of T4I, aims to reflect the evolving and innovative ways that technology can transform independence for those with disabilities.

Social Event at Kelham Island Brewery

We will host a pre-event dinner at Kelham Island Brewery (23 Alma St, Sheffield, S3 8SA) with Steak & Ale Pie, Peas and local beer which will take place on Sunday 27th November 2016 at 7pm. People who have expressed

their intent to be a delegate can apply to join this free social event*. Please email us to:

t4i@sheffield.ac.uk

Free Social Event*

*Only 20 tickets available. Enquiries will be collected until 02.11.2016, allocated on a first come first served basis. Tickets will be sent out on 07.11.2016.

Kindly sponsored by



Registration is now open on our website: www.t4i2016.org.uk