

10th Workshop in Speckled Computing 18 January 2012
Room G.07
School of Informatics
10 Crichton Street **Edinburgh EH8 9AB**

SPECKLED COMPUTING IN HEALTHCARE

08:15 Registration and coffee in the Café

09:00 “Speech Breathing”

Didier Demolin (GIPSA-LAB, Grenoble), Alice Turk (Linguistics, University of Edinburgh)

09:30 “An Exploratory Study to Investigate the Potential of Speckled Computing to Measure Conversational Skills in Adults with Asperger Syndrome”

Robert Walley (Edenhall Hospital, NHS Lothian), Andrew Stanfield (Royal Edinburgh Hospital, NHS Lothian)

10:00 “Does Head Positioning Affect the Outcome for Adults with Spontaneous Intracerebral Haemorrhage?”

Rustum Al-Shahi Salman (Division of Clinical Neurosciences, Western General Hospital, NHS Lothian)

10:30 Refreshments in the Café

11:00 “Challenges in Monitoring Brain Injured Patients in the Neuro-intensive Care Unit”

Laura Moss, Ian Piper, Martin Shaw (Institute of Neurological Sciences, Southern General Hospital, NHS Greater Glasgow & Clyde)

11:20 “A Study to Assess Wireless Respiratory Monitoring in Acutely Ill Patients”

Sheila Rodgers (School of Health in Social Science, University of Edinburgh)

11:40 “MIME: Managing Information in Medical Emergencies”

Christopher Mellish (dot.rural, University of Aberdeen)

12:00 “Resuscitation: Is It Up to Scratch?”

Gareth Clegg (Emergency Medicine, Royal Infirmary Edinburgh, NHS Lothian)

12:20 “Falls Prevention in Scotland”

Ann Murray (NHS Ayrshire & Arran)

12:40 “A Virtual Medical Ward for 17000 patients - A Digital Future?”

Jamie Hogg (NHS Grampian)



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13:00 Lunch in the Café and the Atrium

14:00 “Validation of the RESpeck”

Gordon Drummond (Department of Anaesthesia and Pain Medicine, Royal Infirmary Edinburgh, NHS Lothian)

14:20 “RESpeck in Practice”

Gordon Drummond (Department of Anaesthesia and Pain Medicine, Royal Infirmary Edinburgh, NHS Lothian)

14:40 “Accelerometers to Monitor Physical Activity Levels in COPD: from Toys to Tools”

Roberto Rabinovich, William McNee (UoE/MRC Centre for Inflammation Research, Queen’s Medical Research Institute, University of Edinburgh)

15:10 “Designing for Society: A Systems Ethics for Speckled Computing”

Neil McBride, (Centre for Computing and Social Responsibility, De Montfort University, Leicester)

15:40 “Design for Speckled Computing”

Irene McAra-McWilliam (School of Design, Glasgow School of Art)

16:10 Refreshments in the Café

Exhibition : “Exploring the Design of Speckled Healthcare Services”

Presented by the Product Design degree students at the Glasgow School of Art

17:15 “Speckled Computing”

Inaugural Lecture, chaired by Professor Sir Timothy O’Shea

D K Arvind (School of Informatics, University of Edinburgh)

18:15 Reception and Exhibition in the Café and the Atrium