

2015 Health Informatics Conference



Edinburgh, Surgeons' Hall
7-8 October 2015

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Welcome from the Conference Chair

Welcome to the 2015 British Computer Society Health Informatics Scotland conference. We are very pleased to return for this year's event to Edinburgh Surgeons' Hall, where the conference was last held in 2011. We hope that you enjoy the conference, which features an excellent selection of presentations across 4 parallel tracks.

We wish a very warm welcome to all our main conference keynote speakers including on Wednesday the 7th of October: *Shona Robison, MSP, Cabinet Secretary for Health, Wellbeing & Sport, John Matheson, Director Health Finance, eHealth and Analytics, Professor Mahmood Adil, Medical Director, Public Health & Intelligence, NHS National Services Scotland, Eddie Turnbull, Head of eHealth, Dr Margaret Whoriskey, Director, Joint Improvement Team, Moira McKenzie, Head of Telecare Development at Scottish Centre for Telehealth & Telecare/NHS24 and Jane Ankori, Health and Social Care Alliance Scotland.*

The main conference keynote speakers on Thursday the 8th of October include: *Theresa Fyffe, Director of the Royal College of Nursing (RCN) Scotland, Professor Frances Mair, University of Glasgow, Dr Trevor Lakey, Health Improvement and Inequalities Manager at NHS Greater Glasgow and Clyde, Professor Alison Strath, Scottish Government Principal Pharmaceutical Officer, Robert Gordon University and Professor Aziz Sheikh, Chair of the eHealth Strategy Group at the University of Edinburgh.*

We would like to encourage you to venture across the various tracks during the conference. The NMAHP eHealth Network session takes place at 1.30 pm on Wednesday the 7th October, in the Main Conference hall. We have also organized for the first time a dedicated Industry Track where our industry exhibitors will present their technology solutions 'in context' through selected implementation 'case studies'. We have a range of presentations on eHealth research and development activities across the NHS and Universities throughout the Research Track conference.

We are also delighted to be co-organising with the Society for Computing and Technology in Anesthesia (SCATA) the first ever 'eHealth in Perioperative Medicine Symposium', (Thursday 8th of October) which is CPD accredited by the Royal College of Anaesthetists.

Finally, on behalf of BCS Health Scotland, we wish to thank Paul Woolman and Andrew Turner for their dedication to Health Informatics. Paul was the Chair of our previous conferences and his personal commitment to Health Informatics has turned our conference into a key, national milestone in the eHealth calendar in Scotland. Andrew is the outgoing President of BCS Health Scotland and has worked tirelessly over the years to further promote the development of Health Informatics and eHealth.

Dr. Matt-Mouley Bouamrane,
*Fellow of the British Computer Society and Health Informatics Conference Chair,
Lecturer in eHealth, Department of Computer and Information Sciences,
University of Strathclyde*

Programme *'at a Glance'*

Wednesday 7th October 2015

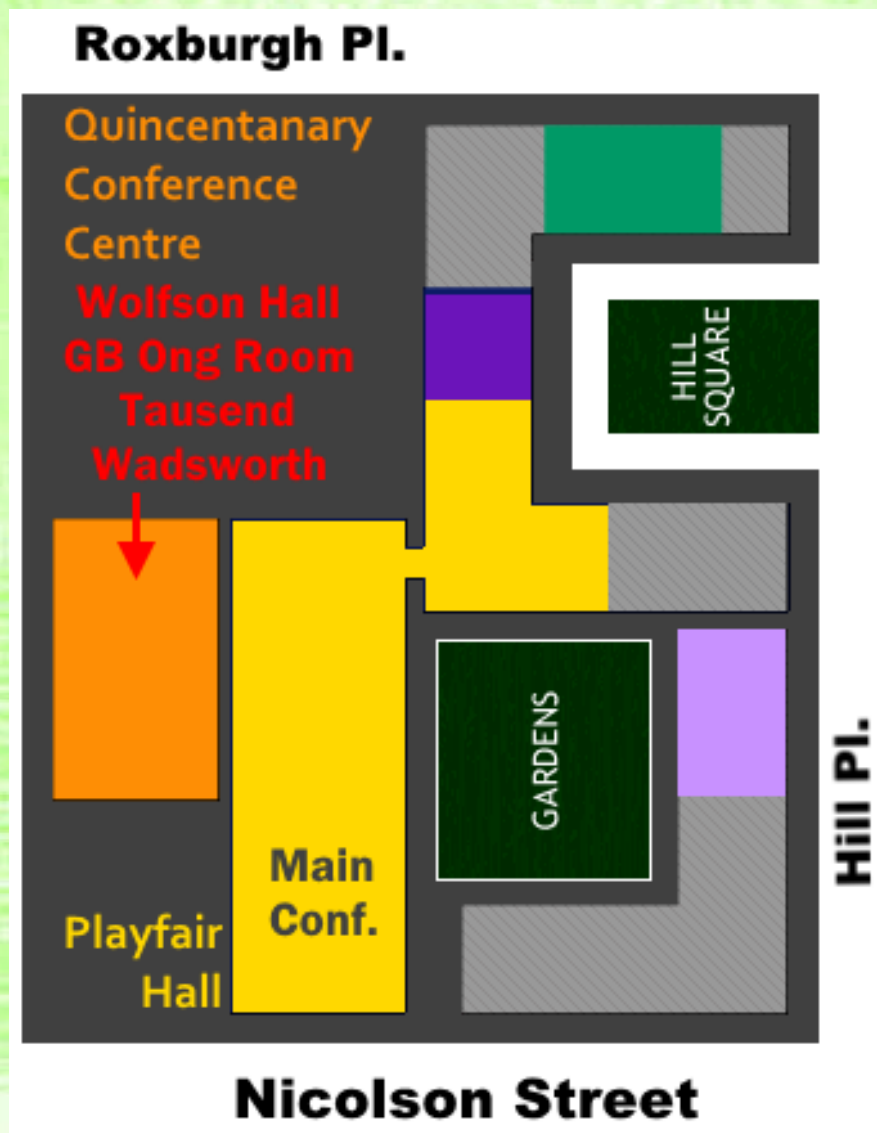
9.30	Main Conference <i>Playfair Hall</i>	Industry <i>GB Ong Room</i>	Research <i>Tausend Room</i>
9.30	eHealth & Integrated Care	1st Industry Session	Posters Session 1
10.30	<i>COFFEE BREAK in Wolfson Hall</i>		
11.00	KEYNOTES: eHealth & Integrated Care in Main Conference Hall (Playfair Hall)		
12.30	<i>LUNCH in Wolfson Hall</i>		
1.30 pm	NMAHP eHealth Network	2nd Industry Session	Short Papers Session
2.30 pm	<i>COFFEE BREAK in Wolfson Hall</i>		
2.50 pm	2nd Afternoon Session	3rd Industry Session	Research Papers Session I
3.30 pm	KEYNOTES: Scotland eHealth Strategy in Main Conference Hall (Playfair Hall)		
4 pm	eHealth Awards		
4.30 pm to 6pm	<i>Social Reception in Wolfson Hall</i>		
7.30 pm	<i>Gala Dinner in Playfair Hall</i>		

Programme 'at a Glance'

Thursday 8th October 2015

9.25	Main Conference <i>Playfair Hall</i>	Industry <i>GB Ong Room</i>	Research <i>Tausend Room</i>	eHealth in Perioperative Medicine <i>Wadsworth</i>
9.25	Personal Health Records	4th Industry Session	Posters Session 2	<u>9.15 am:</u> Morning Session
10.30	<i>COFFEE BREAK in Wolfson Hall</i>			
11.00	KEYNOTES: Digital Inclusion in Main Conference Hall (Playfair Hall)			Keynotes
12.30	<i>LUNCH in Wolfson Hall</i>			
1.30 pm	ePrescribing & ePharmacy	5th Industry Session	Research Papers Session II	1st Afternoon Session
2.30 pm	<i>COFFEE BREAK in Wolfson Hall</i>			
2.50 pm	eHealth in the Community		Research Papers Session III	2nd Afternoon Session
3.30 pm	<i>Conference Closing Debate: in Main conference hall</i>			
4.00 pm	End of Main Conference, Industry & Research Tracks			RCoA Perioperative Programme Discussion
4.15 pm	Conference closes			

Conference Layout

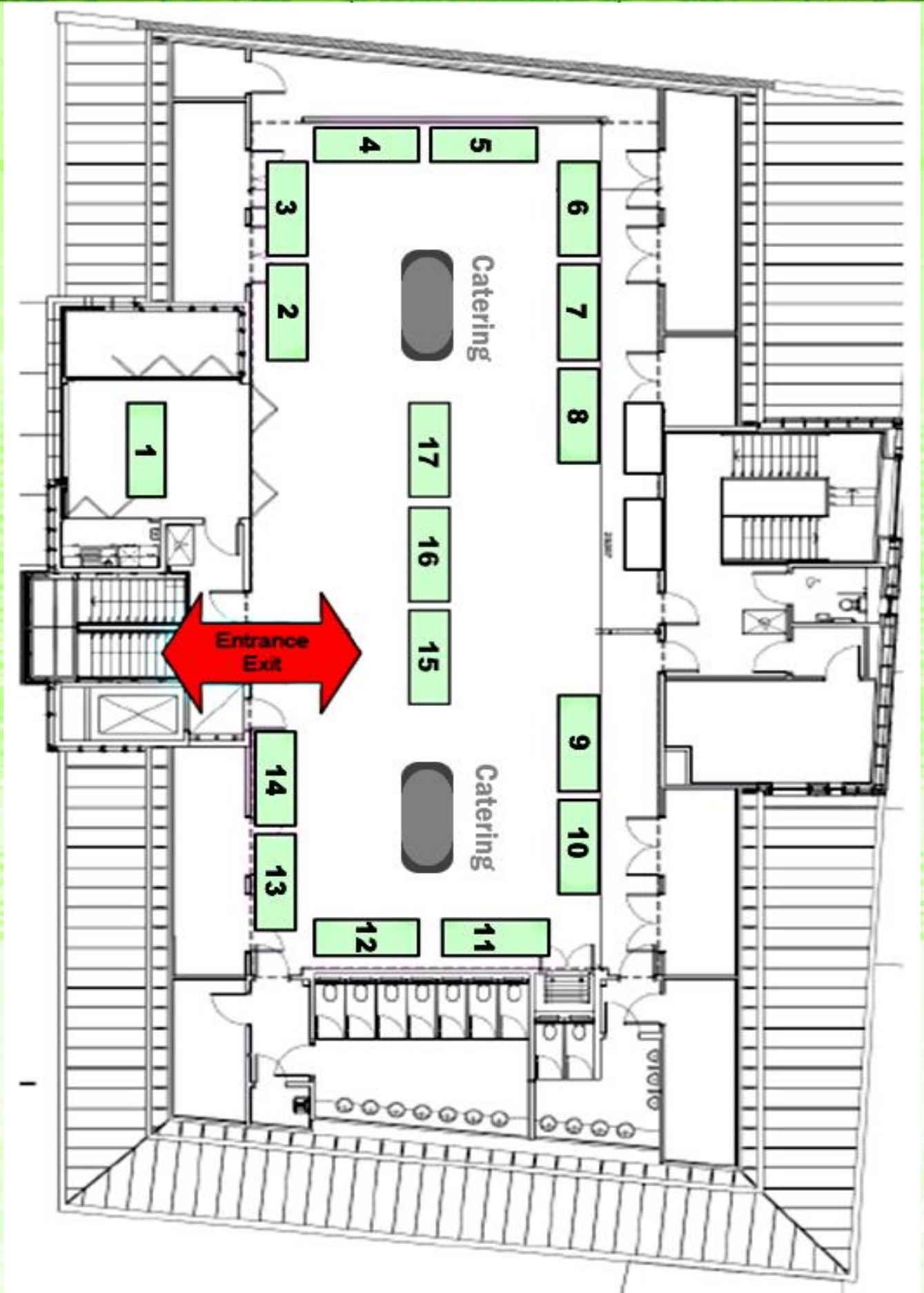


- The **Main conference**: takes place in the **Playfair Hall**
- The **Industry Exhibition, Coffee and Lunch**: take place in the **Wolfson Hall** (Quincentenary Conference Centre)
- The **Industry Track** conference: takes place in the **GB Ong Room** (Quincentenary Conference Centre)
- The **Research Track** conference: takes place in the **Tausend Room** (Quincentenary Conference Centre)
- The **'eHealth in Perioperative Medicine'** symposium: takes place in the **Wadsworth Room** (Quincentenary Conference Centre)

Industry Exhibitors

Stand Number	Exhibitor
1	1-2-1 with Scottish Government eHealth
2	Scottish Government eHealth Unit
3	JAC computing
4	NCC Group
5	NHS National Services Scotland
6	Symphonic / ResMed UK
7	IBM / Entity Group
8	Qualys
9	Voice technologies
10	Parity Medical / The ALLIANCE
11	NetApp
12	INPS
13	Tactuum
14	Restart Consulting
15	EMIS Health
16	University of Strathclyde
17	Orion Health

Industry Exhibition Layout



Main Conference Programme

Wednesday 7th October 2015

9.30	Morning SESSION. Chair: Andrew Turner, NHS Dumfries & Galloway	
9.30	Dr Matt-Mouley Bouamrane Lecturer in eHealth, University of Strathclyde	Welcome from the Conference Chair
9.40	Dr Catherine Breslin Knowledge Exchange Hub, University of Strathclyde	Working with the University of Strathclyde
10.00	Gary Loughran eHealth Programme Manager HSCNI, Business Services Organisation (BSO ITS)	Implementation of the Northern Ireland Electronic Care Record
10.30	COFFEE BREAK	
11.00	KEYNOTES: eHealth & Integrated Care Chair: Paul Woolman, NHS Forth Valley	
11.00	Shona Robison, MSP Cabinet Secretary for Health, Wellbeing & Sport	Keynote Address from the Cabinet Secretary for Health, Wellbeing & Sport
11.10	John Matheson Director Health Finance, eHealth and Analytics, Scottish Government	'40 Years and still Counting...'
11.40	Dr. Margaret Whoriskey Director, Joint Improvement Team, Scottish Government	Technology Enabled Care in Scotland: Supporting improved outcomes
12.05	Professor Mahmood Adil Medical Director, Public Health & Intelligence, NHS National Services Scotland	NHS Information Service Division 'Health and Social Care Data Integration and Intelligence' Project
12.30	LUNCH BREAK	

Main Conference Programme

Wednesday 7th October 2015

1.30 pm	1st Afternoon SESSION: NMAHP eHealth Network Chair: Janice Watson, NHS National Services Scotland	
1.30 pm	Jane Harris Programme Director, NHS Education for Scotland	NMAHP eHealth Leadership Programme
1.50 pm	Dr Lesley Holdsworth Chair Scottish NMAHP Network	NHSScotland NMAHP eHealth Network
2.10 pm	Eunice Muir Scottish Government eHealth Clinical Lead for NMAHP	NMAHP eHealth National Policy, Strategy and International Connections
2.30 pm	COFFEE BREAK	
2.50 pm	2nd Afternoon SESSION: eHealth Delivery at Scale Chair: Matt-Mouley Bouamrane, University of Strathclyde	
2.50 pm	Jane Ankori, Health and Social Care Alliance Scotland	A Local Information System for Scotland (ALISS)
3.10 pm	Moira Mackenzie, Head of Telecare Development, NHS 24	Living it Up: Learning to Fly...
3.30 pm	Eddie Turnbull Head of eHealth, Scottish Government eHealth Division	Refresher on the Scottish Government eHealth Strategy 2014-2017
4 pm.	SCOTLAND EHEALTH AWARDS.	

Main Conference Programme

Thursday 8th October 2015

9.30	Morning SESSION: Patients Portals & Personal Health Records (PHRs) Chair: Angus McCann, IBM	
9.30	Dr Elena Beratarbide eHealth Quality & Governance Manager , NHS Fife	Information Governance: making possible safe e-Personal Health Records
9.50	Claire Scally Digital Life Sciences Ltd	The potential for PHRs to transform Health and Care
10.10	Dr Pieter van de Graaf eHealth Clinical Strategy Team Leader, Scottish Gov. eHealth	The Future of Patient Access to Electronic Health Records and Services in Scotland
10.30	COFFEE BREAK	
11.00	KEYNOTES: eHealth & Digital Inclusion Chair: Gillian Flett, NHS Education for Scotland	
11.00	Professor Frances Mair, Professor of General Practice and Primary Care University of Glasgow	‘Mind the Gap’: Promoting Normalisation of Digital Health
11.30	Dr Trevor Lakey, Health Improvement and Inequalities Manager, NHS Greater Glasgow and Clyde	‘It's Not About the Kit’: Empowerment Approaches to Digital Inclusion
12.00	Theresa Fyffe RCN Scotland Director	The Generational Link
12.30	LUNCH BREAK	

Main Conference Programme

Thursday 8th October 2015

1.30 pm	1st Afternoon SESSION: ePrescribing & ePharmacy Chair: Janice Watson, NHS National Services Scotland	
1.30 pm	Professor Alison Strath, Principal Pharmaceutical Officer, Robert Gordon University	Scotland's ePharmacy Programme
2 pm	Professor Aziz Sheikh, Professor of Primary Care Research, University of Edinburgh	An ePrescribing Toolkit for NHS Hospitals
2.30 pm	COFFEE BREAK	
2.50 pm	2nd Afternoon SESSION: eHealth in the Community Chair: Jacqueline Caldwell, NHS National Services Scotland	
2.50 pm	Dr Ian Thompson GP NHS Lothian & Primary Care eHealth Clinical Advisor	Sharing Primary Care Health records: What do patients want?
3.10 pm	Mark Fleming National eHealth Clinical Advisor, NMAHP	NHS Ayrshire Community Clinical Records project
3.30 pm	Closing Debate: Chaired by Marilyn Lennon, University of Strathclyde	'eHealth in Scotland: Current Trends and Future Frontiers' with: <i>Eddie Turnbull,</i> <i>Professor Aziz Sheikh,</i> <i>Dr Ian Thompson & Dr Trevor Lakey</i>

Industry-Track Programme

Wednesday 7th October 2015

9.30	First Industry-track SESSION Chair: Dr Ian Thompson, NHS Lothian	
9.30	Alister McNicoll Scottish Government eHealth Division, Technical Strategy and Governance	The role of Industry in realising the vision of the Scottish eHealth programme
9.45	Lee Davies Service Manager, Public Health and Intelligence NHS National Services Scotland	Integrating Health and Social Care Data
10.05	Mark Effingham, IBM Healthcare Industry Technical Architect	Capitalising on Unstructured Clinical Data
10.25	COFFEE BREAK	
11.00	KEYNOTES: in Main conference hall	
12.30	LUNCH BREAK	
1.30 pm	Second Industry-track SESSION Chair: Angus McCann, IBM	
1.30 pm	Lee Dyson, Head of Ensemble, ReStart Consulting Ltd.	Systems Integration in NHS Scotland
1.50 pm	James Kwaan Research Director, ISACA and President ISC2	How are you perceived by your Customers? An approach to Handling Vulnerabilities
2.10 pm	EMIS Health	TBC
2.30 pm	COFFEE BREAK	
2.50 pm	Third Industry-track SESSION Chair: Campbell Grant, Sitekit	
2.50 pm	ResMed UK	
3.05 pm	Symphonic	
3.20 pm	Parity Medical	
3.30 pm	Keynote: in Main conference hall	

Industry-Track Programme

Thursday 8th October 2015

9.25	Fourth Industry-track SESSION Chair: Andrew Turner, NHS Dumfries & Galloway	
9.25	Rob Skipworth, Account Manager Scotland, NetApp	Where Data Management and Healthcare Meet
9.45	Nicola Wright , Acute and Urgent Care Pharmacist, Isle of Wight NHS	Delivering Interoperable Medicines Management across multi-disciplinary care settings'
10.05	Richard Barker NCC Group	NHS Service Resilience: Establishing the Structure
10.25	COFFEE BREAK	
11.00	KEYNOTES: in Main conference hall	
12.30	LUNCH BREAK	
1.30 pm	Fifth Industry-track SESSION Chair: Madelon Kortenaar, SiteKit	
1.30 pm	Shona Wares In Practice Systems (INPS)	Filling in the gaps: connecting and sharing with Vision
1.50 pm	Mark Buchner, Director Tactuum	Quris and the opening of a \$1b New Orleans hospital
2.10 pm	James McPherson, C.E.O Voice Technologies Ltd	Case studies: partnering with NHS Scotland to improve data capture and electronic distribution showing the savings made
2.30 pm	COFFEE BREAK	

eHealth in Perioperative Medicine

Thursday 8th October 2015



**Organised by BCS Health Scotland and
The Society for Computing and Technology in Anaesthesia (SCATA)**

This symposium is approved by the Royal College of Anaesthetists for 5 CPD credits

9.15	MORNING SESSION. Chair: Dr. Andrew Norton, SCATA	
9.15	Dr. J Grant Forrest & Dr. Matt Bouamrane	Welcome from BCS and SCATA
9.30	Dr. J Grant Forrest Associate Specialist Anaesthetist, eHealth Clinical Lead, NHS Fife	Acute Pain Audit (1D02)
10.00	Dr. Harry Akerman Consultant Anaesthetist, University Hospital Southampton	iPROMS: Automated patient follow up and feedback (1I05, 3J01)
10.30	COFFEE BREAK	
11.00	KEYNOTES. Chair: Dr. Grant Forrest, SCATA	
11.00	Dr. Graeme Hilditch Consultant Anaesthetist, Gartnavel General Hospital, NHS GGC	Clinical Guidelines Implementation in NHS Greater Glasgow and Clyde Preoperative Portal (2A03)
11.30	Dr. Jennifer Edwards Consultant Anaesthetist, Royal Alexandra Hospital, Paisley	EPOCH trial & the National Emergency Laparotomy Audit (1I05, 2A06)
12.00	Dr. Theofanis Fotis Senior Lecturer, School of Health Sciences, University of Brighton	Digital Health Apps for Perioperative Nursing (3J01)
12.30	LUNCH BREAK	

eHealth in Perioperative Medicine

Thursday 8th October 2015

1.30 pm	FIRST AFTERNOON SESSION Chair: Dr. Stefan Schraag, Golden Jubilee National Hospital	
1.30 pm	Deborah Robinson & Natalie Booker Associate Dean for External Engagement / Operating Department Practice Lecturer, University of Hull	Utilising a Pebble Pad e-Portfolio for the Assessment of Clinical Competency of Operating Department Practice Students (2H01, 3J01)
2.00 pm	Dr. Peel Willis Consultant Anaesthetist, NHS Dumfries & Galloway	Electronic Preoperative Assessment: a Practical Guide (2A03, 1G01)
2.30 pm	COFFEE BREAK	
2.50 pm	SECOND AFTERNOON SESSION Chair: Dr. Peel Willis, NHS Dumfries & Galloway	
2.50 pm	Dr. Stefan Schraag Consultant Cardiothoracic Anaesthetist, Golden Jubilee National Hospital, GJNH	Perioperative Medicine at Golden Jubilee National Hospital (2A07)
3.15 pm	Dr. Douglas Duncan Consultant Anaesthetist, NHS Lothian	Pythia: using Data to manage Operating-list Capacity (1I02, 3J01)
3.40 pm	Mary Dugoid NHS Grampian	Technology enabling the care and rehabilitation of amputees
4.00 pm	Closing Debate: Chaired by Dr Andrew Norton, SCATA	The role of eHealth in the RCoA Perioperative Medicine Programme
4.15 pm	End of Symposium	

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Organised by BCS Health Scotland and the Society for Computing and Technology in Anaesthesia (SCATA)

<http://www.scata.org.uk/>

Research-Track Programme

Wednesday 7th October 2015

9.30	Morning SESSION: First Poster session Chair: Maria Wolters, University of Edinburgh	
9.30	See details in 'Poster Sessions I'	
10.30	COFFEE BREAK	
11.00	KEYNOTES: in Main conference hall	
12.30	LUNCH BREAK	
1.30 pm	FIRST AFTERNOON SESSION: Short Papers Chair: Mark McGilchrist, University of Dundee	
1.30 pm	Iliada Eleftheriou, Suzanne Embury and Andrew Brass University of Manchester	Data Journey Diagram: Identifying barriers of data movement in large, complex organisations
1.45 pm	Charalampos Kyfonidis & Marilyn McGee-Lennon University of Strathclyde	Digital Educational Game for Children With Type 1 Diabetes
2 pm	M. Wolters, K. Knorr, K. Vaniea & D. Aspinall University of Edinburgh	How Secure is the Health Data on your Phone?
2.15 pm	Meshal Alqahtani, Abbes Amira and Naeem Ramzan University of West of Scotland	Enhancing the efficiency of Information Retrieval in e-Health Systems
2.30 pm	COFFEE BREAK	
2.50 pm	SECOND AFTERNOON SESSION: Research Papers Session I Chair: Saturnino Luz, University of Edinburgh	
2.50 pm	Prof. Colin McCowan University of Glasgow	EHR4CR: Querying Clinical Repositories to Assess Study Feasibility
3.10 pm	Mark McGilchrist University of Dundee	TRANSFoRm: connectivity infrastructure to embed eCRFs into EHRs
3.30 pm	KEYNOTES: in Main conference hall	

Research-Track Programme

Wednesday 7th October 2015

9.40	Morning SESSION: First Poster Session Chair: Maria Wolters, University of Edinburgh	
9.40	Carolyn Deighan, Claudia Pagliari and Lucie Michalova NHS Lothian / University of Edinburgh	Digital Heart Manual: making technology accessible with a user-friendly resource
9.50	Claire Nugent, Marilyn McGee- Lennon, Matt-Mouley Bouamrane & Frances Mair University of Glasgow & Strathclyde	Implementation of Community and Digital Champions to Promote Digital Enablement
10	Akintunde Adeyemo, Matt-Mouley Bouamrane, Marilyn Lennon University of Strathclyde	Prototype Development of a self- completed, Digital Preoperative Questionnaire
10.10	Alison Devlin, Marilyn McGee- Lennon, Matt-Mouley Bouamrane, Catherine O'Donnell and Frances Mair University of Glasgow & Strathclyde	"Readiness" for Digital Innovation in HealthCare and Wellbeing: Insights from the UK 'dallas' programme
10.20	Mhairi Hastings, Sharon Vallance NHS Dumfries and Galloway	NHS Dumfries and Galloway E-Pen / Electronic Record
10.30	COFFEE BREAK	

Research-Track Programme

Thursday 8th October 2015

9.30	Morning SESSION: Second Poster Session Chair: Maria Wolters, University of Edinburgh	
9.30	See details in 'Poster Sessions II'	
10.30	COFFEE BREAK	
11.00	KEYNOTES: in Main conference hall	
12.30	LUNCH BREAK	
1.30 pm	FIRST AFTERNOON SESSION: Research Papers Session II Chair: Marilyn Lennon, University of Strathclyde	
1.30 pm	Diane Pennington University of Strathclyde	Youth e-mental Health in Scotland: Challenges and Opportunities
1.50 pm	Buchanan, Prajapati, Macfarlane, Smales & Spyra Edinburgh Napier University	Review of e-Health Frameworks
2.10 pm	A. Smales, B. Buchanan & C. Thuemmler Edinburgh Napier University	Review of e-Frailty Evaluation Frameworks
2.30 pm	COFFEE BREAK	
2.50 pm	SECOND AFTERNOON SESSION: Research Papers Session III Chair: Mario Kolberg (University of Stirling)	
2.50 pm	G. Spyra, B. Buchanan & E. Ekonomou Edinburgh Napier University	Sticky policy enabled authenticated OOXML for Health Care
3.10 pm	A. Smales, B. Buchanan, A. Lawson, B. Brown & P. Knight Edinburgh Napier University	Analytics for Improving Patient Outcome by Utilising Comprehensive IoRN Assessment Scoring Metrics
3.30 pm	B. Buchanan, E. Ukwandu, N. Van Deursen, L. Fan, G. Russell, O. Lo Edinburgh Napier University	Secret Shares to Protect Health Records in Cloud-based Infrastructures
3.50 pm	End of Research Track Conference	

Research-Track Programme

Thursday 8th October 2015

9.30	Morning SESSION: Second Poster session Chair: Maria Wolters, University of Edinburgh	
9.30	Kirsty Henderson University of Strathclyde	ehealth and Health Inequalities: supporting health information seeking for BME populations
9.40	Linda Mckechnie, Justina Ritchie and Murray Glaister NHS Dumfries and Galloway	Development of Winscribe and eCasenote in NHS Dumfries and Galloway's Mental Health Directorate
9.50	Ruth Agbakoba, Marilyn Lennon, Matt-Mouley Bouamrane, Nick Watson and Frances Mair University of Glasgow	Initial Lessons learned about Public Readiness for Digital Health Interventions: The Living It Up Case Study
10	Robyn McKinlay Queensland Health, Australia	Emergency Department Information Systems in Queensland Health, Australia
10.10	Ather Akhlaq, Brian McKinstry and Aziz Sheikh University of Edinburgh	Health Information Exchange (HIE) and its Barriers and Facilitators in Low- and Middle-Income Countries (LMIC): Key Healthcare Stakeholders' Perceptions from Pakistan
10.20	Hadi Daneshvar and Stuart Anderson University of Edinburgh	Can Existing Social Media Encourage Health and Care Co-Production?
10.30	COFFEE BREAK	

Main Conference Speakers

Keynotes:

Wednesday 7th of October, 11 am

SHONA ROBISON, MSP, CABINET SECRETARY FOR HEALTH, WELLBEING & SPORT

Shona Robison was born in Redcar in 1966. Educated at Alva Academy, she went on to graduate from Glasgow University with a Social Sciences MA and Jordanhill College with a Postgraduate Certificate in Community Education. Previously she worked for Glasgow City Council's Social Work Department.

She was MSP for the North East from 1999-2003 and elected MSP for Dundee East in 2003. Latterly she was Shadow Minister for Health and Social Justice and a member of the Parliament's Health Committee before being appointed Minister for Public Health in the Scottish Government formed after the May 2007 election.

She was re-elected at the May 5, 2011 election and appointed as Minister for Commonwealth Games & Sport. She became Cabinet Secretary for Health, Wellbeing & Sport in November 2014. She is married to Stewart Hosie, the Westminster MP for Dundee East and SNP deputy leader. They have a daughter and live in Dundee.

<http://www.scottish.parliament.uk/msps/currentmsps/Shona-Robison-MSP.aspx>

JOHN MATHESON, CBE DIRECTOR HEALTH FINANCE, eHEALTH AND ANALYTICS, SCOTTISH GOVERNMENT

John Matheson has over 35 years' experience in the public sector, including 25 as Finance Director both at Health Board level and, for the past seven years, within Central Government as Director of Health Finance where his responsibilities also include eHealth and Analytics.

He is particularly committed to strengthening the link between quality health care and financial performance through enhanced engagement with clinical colleagues. He took his first degree at Heriot Watt University in Edinburgh and then obtained his MBA from Edinburgh University. He is currently a member of the Chartered Institute of Public Finance and Accounting's (CIPFA) UK Council and UK President of CIPFA.

He has Non Executive experience from both the Further Education and Private Sector and was awarded the title of Finance Director of the Year – Public Sector. He has also presented at various national and international conferences on a wide range of topical public sector issues.

Main Conference Speakers

Keynotes:

Wednesday 7th of October, 11 am



DR MARGARET WHORISKEY

DIRECTOR OF THE JOINT IMPROVEMENT TEAM (JIT)

Margaret is Director of the Joint Improvement Team (JIT) with responsibility for national telehealth and telecare policy in Scotland. Since 2014 Margaret has led the national Technology Enabled Care Programme.

In her current role Margaret chairs the National Telecare and Telehealth Advisory Board, the national Technology Enabled Care Programme Board and is active in the European Innovation Programme for Active and Healthy ageing.

Margaret trained as a clinical psychologist and worked in clinical and managerial positions in Fife for many years. From 1998, and prior to joining JIT, Margaret has worked in a national capacity with the Scottish Health Advisory Services (latterly NHS Quality Improvement Scotland) and as a commissioner with the Mental welfare Commission for Scotland



PROFESSOR MAHMOOD ADIL

MEDICAL DIRECTOR, PUBLIC HEALTH & INTELLIGENCE, NHS NATIONAL SERVICES SCOTLAND

Mahmood has substantive clinical, public health and management experience and has delivered on senior leadership positions for the last 25 years, in the NHS and USA (Yale University).

Currently, his responsibilities encompass developing and delivering the best health intelligence for Scotland.

He has led a number of initiatives to improve public health, healthcare quality, intelligence and health protection at local, national and international levels. Most recently, he was National Quality & Efficiency Advisor at the Department of Health (England), helping achieving value in the NHS (improving outcomes with same or less resources).

He is an alumnus of Harvard Kennedy School, Prime Minister's Top Management Programme, Common Purpose 20:20, Institute of Directors (UK) and the Institute of Healthcare Improvement (USA).

He has postgraduate qualifications in medicine, paediatrics, public health, economics, management and health informatics fields.

Main Conference Speakers

Keynotes: Thursday 8th of October, 11 am

PROFESSOR FRANCES MAIR **PROFESSOR OF PRIMARY CARE RESEARCH,** **UNIVERSITY OF GLASGOW**



Professor Frances Mair is a medical graduate from Glasgow University and completed her vocational training in general practice in Glasgow. She is now Professor of Primary Care Research and Head of the academic unit of General Practice and Primary Care of the University of Glasgow since 2009. Her main research interests include: Cardiovascular disease (particularly heart failure), E-health/Telehealthcare and the implementation of complex interventions using Normalization Process Theory (NPT), to enhance understanding of the processes that hinder or promote the implementation of services or help explain normalization, or not, of treatment regimens in the daily routines of patients. She continues to work as a GP in Glasgow.

DR. TREVOR LAKEY **HEALTH IMPROVEMENT AND INEQUALITIES MANAGER,** **NHS GREATER GLASGOW AND CLYDE**



Trevor is a public health professional with over 25 years' experience in addressing complex health challenges in the West Central Scotland area. He has had a career-long focus on tackling inequalities across a wide range of health policy areas. Major themes of his work include community development and partnership approaches, plus commissioning and strategy development. Originally a biological scientist, Trevor retains a strong interest in research and evaluation for public health, and how traditional scientific evidence can blend with community experiences. Over the last six years, he has been actively exploring the potential of digital technologies in promoting health and wellbeing, with a focus on participatory development. He is the founder of Mind Waves and lead developer for the Project 99 / Aye Mind initiative to build digital support for youth mental health.

THERESA FYFFE **RCN SCOTLAND DIRECTOR**



Theresa Fyffe trained as a registered nurse in Dublin, later working mainly within the fields of Intensive Care and Neuroscience. After a time as Director of Practice Development & Research at Tayside University Hospitals Trust, Theresa joined the Scottish Executive Health Department in a wide-ranging role with responsibility for research, quality, safe and effective care, clinical leadership, practice development, acute services and strategy development. She went on to become the Deputy Chief Nursing Officer (Interim). In 2007 Theresa was appointed Director of the Royal College of Nursing Scotland. At a time of extensive change not only within the health service, but also in the political arena, her wide experience and influencing skills bring a strategic focus and direction to the RCN in Scotland on behalf of the Scottish membership.

Main Conference Speakers

JANE ANKORI

(WEDNESDAY 7TH OCT., 2.50 PM)

PROGRAMME DIRECTOR AT THE HEALTH AND SOCIAL CARE ALLIANCE SCOTLAND

Jane Ankori is a Programme Director at the Health and Social Care Alliance Scotland, with responsibility for the ALISS (A Local Information System for Scotland) Programme; shortlisted this year as 'Best Health and Social Care Product or Service' in the UK 2015 Digital Leaders 100 awards. Prior to her current role, Jane worked for thirteen years within a Health Board in Scotland, focusing predominately on information sharing. A mother and proponent of inclusion and human rights, Jane is passionate about the use of technology to support the transformation of health and social care in Scotland - enabling people to be at the centre of everything we do.

MOIRA MACKENZIE

(WEDNESDAY 7TH OCT., 3.10 PM)

**HEAD OF TELECARE DEVELOPMENT,
NHS24, SCOTTISH CENTRE FOR TELEHEALTH & TELECARE**

Moira Mackenzie is the Head of Telecare Development and part of the senior management team of the Scottish Centre for Telehealth & Telecare. She has actively promoted the use and expansion of telecare and telehealth technologies and services over a number of years in both her current role and previously as the Scottish Government's National Telecare Programme Manager. Moira works closely with local health, housing and social care providers and other key stakeholders to support policy, strategy and implementation of technology enabled health and assisted living services. Moira is Programme Director for the Living It Up, Smartcare and United4Health 'at scale' implementation programmes which involve digital self-management, falls prevention & improvement, and home & mobile health monitoring services.

EDDIE TURNBULL

(WEDNESDAY 7TH OCT., 3.30 PM)

HEAD OF SCOTTISH GOVERNMENT eHEALTH

Eddie Turnbull is currently the Head of eHealth for the Scottish Government. Eddie has worked for Scottish central government for 36 years, always with ICT leadership as a career anchor. He has held various non-ICT roles ranging from Accountable Officer/Director of Finance to Operations Manager for direct public services. Over the years he has directed a number of large national programmes with ICT as the major enabler. His current role is to ensure that eHealth activity across NHSScotland is coordinated and supports the aims of the NHSScotland Quality Strategy, delivers joined-up provision of healthcare in pursuit of Scotland's 2020 Vision of health and care, and ties in with the change and improvement agendas set out by the Scottish Government. He is actively involved in shaping and delivering a number of Scotland's wider strategic digital initiatives.

Main Conference Speakers

ePrescribing & ePharmacy,

Thursday 8th October, 1.30 pm

PROFESSOR ALISON STRATH

PRINCIPAL PHARMACEUTICAL OFFICER,

**THE SCOTTISH GOVERNMENT & PROFESSOR OF COMMUNITY
PHARMACY PRACTICE, ROBERT GORDON UNIVERSITY**



Professor Alison Strath is Professor of Community Pharmacy Practice at the School of Pharmacy & Life Sciences at Robert Gordon University. She provides leadership with a particular emphasis on policy development for community pharmacy, student-centred learning and ensuring pharmacy education support workforce development across Scotland. Alison is working on an NHS Education for Scotland (NES) scoping exercise in partnership with Schools of Medicine in order to identify topics for co-teaching at an undergraduate level. She also has a particular interest in quality improvement and patient safety.

Alison is seconded part-time to Scottish Government as Principal Pharmaceutical Officer. She is responsible for the design of the practice elements of the Scottish community pharmacy contract and implementation of the ePharmacy Programme which has introduced the electronic transfer of prescriptions between GP practices and community pharmacies. She also led on the Government's pharmaceutical response to the H1N1 pandemic. Previously Alison was Chairman of the Scottish Executive of the Royal Pharmaceutical Society (RPS) from 2000-2002 and became a Fellow of the RPS in 2010. She received the RPS Excellence in Education Award in 2014.

PROFESSOR AZIZ SHEIKH

PROFESSOR OF PRIMARY CARE RESEARCH & DEVELOPMENT

**UNIVERSITY OF EDINBURGH, USHER INSTITUTE OF POPULATION
HEALTH SCIENCES AND INFORMATICS**



Aziz trained in Physiology and Medicine, graduating from University College, London in 1990 and 1993. After completing his training in general practice, Aziz decided to pursue an academic career specialising in the field of epidemiology.

He has held academic posts in the Departments of Primary Health Care & General Practice at Imperial College, London and Public Health Sciences at St George's Hospital Medical School, London. Since August 2003, he has held the post of Chair in Primary Care Research & Development in the Centre for Population Health Sciences at the University of Edinburgh and since 2012, he is Co-Director of the Centre for Population Health Sciences at the University of Edinburgh. His research interests include leveraging eHealth to transform healthcare, medical errors and patient safety and he has published and presented extensively in these areas in leading peer-refereed journals and international academic conferences/symposia.

Main Conference Speakers

NMAHP eHealth Network

Wednesday 7th of October, 1.30pm

DR. LESLEY HOLDSWORTH

CHAIR SCOTTISH NMAHP EHEALTH NETWORK



Lesley is Chair of the National NMAHP ehealth Network. Lesley has contributed to a range of strategic developments and service improvements over the last twenty years and has held a number of national positions and most recently, at Healthcare Improvement Scotland. She has a longstanding interest in informatics and ehealth and has experience of leading developments within a number of areas including the current national musculoskeletal service model being used across Scotland through NHS24. Always keen to learn more about how technology can drive and support better service delivery and outcomes, she was a Winston Churchill Fellow travelling to Australia to share experiences.

EUNICE MUIR

NMAHP CLINICAL LEAD, SCOTTISH GOVERNMENT



Eunice's 39 year career in the NHS included general nursing and midwifery, surgical theatres, clinical service management, risk management, clinical governance, strategic and executive roles in a variety of posts providing hospital and community services. She was latterly the Executive Nurse Director of NHS 24. She was appointed to the position of eHealth Clinical Lead with professional responsibility for Nurses, Midwives & AHP's in June 2012. Eunice works closely with the other eHealth Clinical Leads contributing to the development and delivery of eHealth Strategy and Policy and the eHealth Programme. The Clinical Lead advises eHealth on all areas of clinical practice related to NMAHP's, links with the Chief Nursing Officer and Chief Health Professions Officer and is a member of a wide range of Scottish Government, NHSScotland and UK eHealth groups and programmes and provides national leadership to NMAHP's in NHSScotland.

JANE HARRIS

PROGRAMME DIRECTOR, NHS EDUCATION FOR SCOTLAND



Jane is Programme Director for post-registration and postgraduate education for NMAHPs at NHS Education for Scotland (NES). Previously Jane was seconded to the Scottish Government from a senior education role at the University of Dundee to manage the Modernising Nursing in the Community programme and latterly as a professional advisor to the Chief Nursing Officer. It was at this time that the advantages of increasing the capacity and capability of NMAHPs in eHealth leadership were recognized and work began to develop a programme to support this. Now well established and delivered by NES, the NMAHP Leadership for eHealth Programme: eHealth Applications in Healthcare, recently recruited its 5th cohort led by Ann Rae, Education Projects Manager.

Main Conference Speakers

Patient Portals & Personal Health Records

Thursday 8th of October, 9.30 am

DR ELENA BERATARBIDE

**eHEALTH QUALITY & GOVERNANCE MANAGER,
DATA PROTECTION OFFICER, IG LEAD, NHS FIFE**



Information Governance Lead and Corporate Data Protection Officer for the NHS (Fife, Scotland). Member of the National Information Sharing Board and National IG Leads Forum. During the last decade, Elena has been working with the NHS to raise strategic alignment and governance maturity across eHealth by redesigning Information and ICT services, implementing continual improvement plans and demonstrating the eHealth benefits. She is a former IT consultant and security auditor for Touché & Ross (Deloitte), KPMG and Fujitsu.

Elena is also an active e-health researcher in collaboration with St. Andrews University (Scotland, UK), Polytechnical University of Valencia (Spain), Capella University (USA), Middlesex University (UK), the NHS and ETHEL (European Health Telematics Association, Brussels).

CLAIRE SCALLY

PROGRAMME MANAGER AT DIGITAL LIFE SCIENCES



I have over 20 years' experience working in the creative and digital media sectors where I have worked in a variety of senior management and development roles for a wide range of organisations in the UK and Ireland. I thrive on managing multi-partner projects with diverse stakeholders, seeking investment and bringing creative and innovative ideas to fruition. I moved into digital healthcare when I took on the role of Programme Manager for the Year Zero project in 2012 with Digital Life Sciences Ltd. Year Zero is one of four projects that make up the Innovate UK funded dallas programme looking at how technology can enable citizens to live more independently by taking greater control of their health and wellbeing. I believe digital solutions are the key to achieving this going forward. I am also account lead for our work with NHS24 in Scotland on the Living it Up project.

DR. PIETER VAN DE GRAAF

**eHEALTH CLINICAL STRATEGY TEAM LEADER,
THE SCOTTISH GOVERNMENT eHEALTH DIVISION**



Dr Pieter van de Graaf leads the clinical strategy team in the eHealth Division of the Scottish Government with responsibility for developing and implementing aspects of the Scottish eHealth Strategy in close cooperation with NHS Scotland. This includes developing policies on electronic records, safer medicines and research & innovation.

Born and raised in the Netherlands, Pieter graduated at MSc level from Wageningen University in 1994. He then moved to the UK and gained a PhD in Biology from the University of Derby in 1999 after which he held several research positions. He has been with the Scottish Government in science and technology related functions since 2003.

Main Conference Speakers

eHealth in the Community

Thursday 8th of October, 2.50 pm



DR. IAN THOMPSON
GP PARTNER, NHS Lothian
eHealth Clinical Advisor (Primary Care)

Graduating from the University of Newcastle's combined MBBS Ph.D. programme in 1998, Ian's first foray into eHealth was in 2001 when he worked as a Project Doctor for the NHS Grampian ECCI project. Around 10 years later, having completed GP training and a five-year stint working as a locum GP, Ian was spotted as a graduate of the Royal College of Surgeons of Edinburgh/University of Bath Masters in Healthcare Informatics and persuaded to join the efforts of SCIMP.

Ian works as a portfolio GP combining his clinical work in the relatively rural practice of East Linton with eHealth work, and family life with his 2 children. In addition to an eHealth advisory role in Scottish Government, he chairs the Emergency Care Summary service board, the GP IT EMIS Change Advisory Board, and acts as a joint regional coordinator for the Lothian Region of the Scottish National User Group.

Ian is also active within the British Computer Society, Health Scotland special interest group.



MARK FLEMING
Programme Manager, eHealth / Mental Health,
NHS Ayrshire and Arran

Mark is a Registered Mental Health Nurse who has been working in the eHealth field for around 13 years.

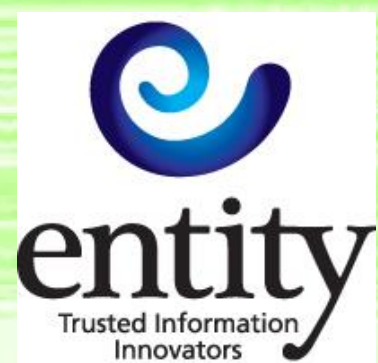
He works as a Programme Manager for eHealth / Mental Health in NHS Ayrshire and Arran but is also seconded part time as Adviser in eHealth for Nurses, Midwives and AHPs to the Scottish Government.

In this role, Mark works with clinicians in NHS Boards and supports them where he can in developing their eHealth knowledge and skills.

Mark had previously worked with Healthcare Improvement Scotland as one of the National Integrated Care Pathways Coordinators where he again worked closely with the NHS Boards in developing their Mental Health ICPs.

Mark has spoken frequently at National and International Conferences on both eHealth and ICP Development. He also has several published works

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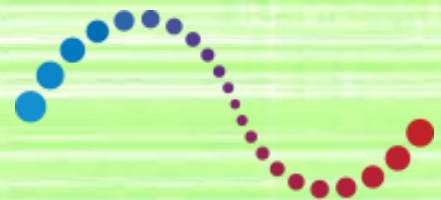


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MEDICINES MANAGEMENT



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with every breath*



CONFERENCE COMMITTEE



Health Scotland

British Computer Society (BCS) Health Scotland is a multi-professional group that aims to promote the development and use of Health Informatics in Scotland to support effective, evidence based, efficient health and social care in areas of research, education, practice, and management decision making. This is intended to benefit the health of individuals, communities, and populations that receive health and social care services and the staff and organisations that deliver health and related services.

Join us at: <http://www.scotshi.bcs.org.uk/>

Follow us on Twitter: [BCS_HealthScot](#)

Conference information: www.hiscotland.info

**The BCS Health Scotland AGM will take place on
Thursday 8th October 2015, 4.30 pm, Surgeons' Hall**

Conference Organising Committee:

Conference Chair: Matt-Mouley Bouamrane, University of Strathclyde

Paul Woolman, NHS Forth Valley

Jackie Caldwell, NHS National Services Scotland

Gillian Flett, NHS Education for Scotland

Campbell Grant, Sitekit

Madelon Kortenaar, Sitekit

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