Healthcare Informatics Society of Ireland
~ Cumann Ríomheolais Sláinte ~

Incorporating the Healthcare Section of the Royal Academy of Medicine in Ireland
Affiliated to the Irish Computer Society

PROGRAMME

12th Annual Conference
and
Scientific Symposium

Wednesday 21 & Thursday 22 November, 2007
Stillorgan Park Hotel, Dublin

HISI 2007 is supported by

Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

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IRISH FORUM FOR HEALTH INFORMATICS

EFMI European Federation for Medical Informatics

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INTRODUCTION

On behalf of the Healthcare Informatics Society of Ireland, I would like to welcome you to the Society's 12th Annual Conference and Scientific Symposium, Ireland's premier healthcare informatics event.

A major theme for this year's conference will be to reflect on ICT as a catalyst in the change management and process reform and improvement, particularly in the context of the Health Service Executive's Transformation Programme.

For this year's plenary session, which we organise in conjunction with the Irish Health Services Management Institute, we have maintained our tradition of having as a keynote speaker the winner of the US CEO of the year award for information technology and are very pleased to welcome this year's winner, Mr Mike Murphy.

The seminars and workshops on the first day of the conference are of particular interest with the input of internationally recognised experts in decision support, clinical and nursing informatics, healthcare informatics standards, change and process management, technology and systems innovation. With such a wide range of expert workshops, seminars, peer reviewed presentations and a significantly expanded commercial exhibition, attendees now have even greater opportunities to update and inform themselves on the latest developments in healthcare informatics at home and abroad and to meet and network with their peers, industry leaders and experts.

Finally, I am also pleased to announce the support of the HSE for this year's conference and on behalf the HISI I would like express our thanks for its sponsorship.

I trust you enjoy a stimulating and informative two days,

Gerard Hurl, Chairman - HISI

PROGRAMME

WEDNESDAY 21 NOVEMBER 2007

09.00 – 10.00	**Registration**
09.30 – 17.00	Workshops/Seminars/Tutorials
	Tea/Coffee: 10.45 – 11.15 & 15.30 - 15.50
	Lunch: 12.45 - 14.00
17.00 – 19.00	Irish Forum for Healthcare Informatics – Meeting and Reception
19:00 – 20.00	Reception and Presentation of O'Moore Medal by An Taoiseach
20.00	Conference Dinner

THURSDAY 22 NOVEMBER 2007

08.00 – 09.00	**Registration**
09.00 – 13.00	Opening ceremony followed by Plenary session - **Strategic Implementations of ICT as a catalyst in transformation of healthcare delivery processes**
	Tea/Coffee: 10.45 – 11.15 Lunch: 13.00 - 14.15
14.15 – 15.35	Parallel sessions
	1A: Electronic Health Records - Enabling processes, systems and technologies
	2A: E-Technologies - supporting educational and intragating processes
	3A: Supporting clinical processes, technologies, systems and models
	4A: Access and managing clinical data and information
	5A: Innovation of systems and technologies
	Tea/Coffee: 15.35 – 16.00
16.00 - 17.00	Parallel sessions
	1B: Electronic Health Records - enabling processes, systems and technologies
	2B: E-Technologies - supporting educational and intragrating processes
	3B: Supporting clinical processes, technologies, systems and models
	4B: Access and managing clinical data and information
	5B Change Management – technical & implementation issues
17.10	Best Paper Award
17.30	Annual General Meeting of the Healthcare Informatics Society of Ireland

09.30 - 17.00 WORKSHOPS • SEMINARS • TUTORIALS

09.30 - 12.30   **WSM 1: International experiences in implementing ICT in healthcare**

14.00 - 17.00   **WSM 2: CIO Masterclass/Workshop – Managing ICT in complex organisations**

09.00 - 17.00   **WSM 3: Exploring the Nursing Care Record in the Context of Integrated Care Delivery**

10.00 - 16.30   **WSM 4: Standards for Electronic Health Records and Interoperability - the foundation for effective ICT policies and strategies**

10.00 - 16.30   **WSM 5: Technology & Systems in Healthcare - Innovation and Developments**

09:30 - 12:30   **WSM 6:   RIDE Project**

14:00 - 16:30   **WSM 7:   ePrescript**

12:45 - 14:00   **Lunch & Commercial / Poster Exhibition**

WSM 1 & WSM 2:
09:30 – 17:00   ICT As A Transformation Catalyst
These workshops are focused on the skills that ICT management need to have or develop to work effectively in healthcare, the most information intensive industry with the most complex information environment, delivered by organisations with non linear management/governance structures, which have to respond to multiple service delivery objectives and internal/external client demands

With the major changes that are taking place re-organisation of healthcare management and delivery based on the HSE's Transformation Programme, these two sessions will have as common theme, ICT as a catalyst in the transformation process. Speakers from Europe, UK and Ireland will provide insight and experiences of how ICT is essential in supporting change management and critical in delivering benefits from implementing process improvements'

WSM 1:
09.30 – 12.30   International experiences in implementing ICT in healthcare
The first (morning) session; International experiences in implementing ICT in healthcare, will focus on how on the potential, capacity and criticality of ICT in effecting change and supporting transformation. It will include an overview of the HSE's transformation programme and the international speakers will draw on their experiences to show how ICT has effected and supported transformation in their national settings. Professor Gerry Lyons, President of HISI and Strategic ICT Advisor to the CEO of the HSE, will mentor and chair the session.

WSM 2:
14.00 - 17.00   CIO Masterclass / Workshop - managing ICT in complex organisations
The second (afternoon) session; the CIO masterclass, will have a delivery-orientated approach focused on the practical issues facing ICT management in supporting such programs. The Head of Information Technology in HSE, Mr. Damien McCallion will mentor and chair this Masterclass

WSM 3:
09.00 - 17.00   Exploring the Nursing Care Record in the Context of Integrated Care Delivery
The Transformation Programme 2007 – 2010 has as one of it's priorities the development of integrated services across all stages of the care journey. A key component for ensuring that this priority can be delivered on is, the development and use of a multidisciplinary approach to the care process. Nurses with their involvement in the patient's journey throughout the system need to ensure that the potential of Information Communication and Technology (ICT) is utilised to the full, enabling them to contribute their skills and knowledge. The nursing care record is the cornerstone for the development of new knowledge in nursing, the improvement of nursing performance and can supply data and the information required for nurse researchers to evaluate the quality of interventions and will assist nurses participate in the formulation of healthcare policy (Thoroddsen and Ehnfors, 2007).
The aim of this seminar is to explore these issues and some of the speakers are as follows:
Anne Casey, Advisor in Health Information Standards, RCN, UK, Elizabeth Adams, Office of the Nursing Services Director, H.S.E. Rita Collins, UCD School of Nursing, Midwifery & Health Systems, U.C.D. Dublin, Camilla Staunton, Integrated Care Pathways Facilitator, Mater Hospital, Dublin, Derek Hoy, Research Fellow, Glasgow Caledonian University, Scotland, Mary O'Connell, Clinical Informatics Manager, St. James's Hospital, Dublin, Suzanne Brown, Asst. Nurse Coordinator Computer Services, Mater Hospital, Dublin.

WSM 4:
10:00 - 16:30   Standards for Electronic Health Records and Interoperability - the foundation for effective ICT policies and strategies
As part of the E-Europe Action Plan 2005, E-Health was identified as one of the EC priorities with deadlines for EU member states to define e-health strategies including identification of interoperability standards for health data messages and electronic health records, taking account of best practices and relevant standardisation effortts. This has supported the growing awareness of how critical the adoption of standards for the relevant components of the electronic health record (EHR) and its underlying data, information, security and communications architectures are to successful utilisation of ICT in healthcare.
This workshop, chaired by Mr. Bill Grimson, chairman of the Health Informatics Standards Committee of the National Standards Authority of Ireland, will have as its major theme the need to ensure that such standards are now reflected and incorporated in ICT strategy and policy development and experts from agencies and organisations concerned with standards development and certification will present on the approaches taken to address this issue.
In addition there will an overview of the work of the Health Information Quality Authority and updates on the work of the national and international standards and certification organisations, - NSAI, CEN, HL7, ProrecIreland, Eurorec, etc

09.30 - 17.00 WORKSHOPS • SEMINARS • TUTORIALS (CONT.)

WSM 5:
10.00 - 16.30   Technology & Systems in Healthcare - innovation and developments.

The technology innovation session on the first day of the conference has now become an important feature for participants as it provides opportunities to attend and participate at presentations and demonstrations on a range of systems, data architectures and technologies which will be available to support healthcare information delivery in the future.

Advances in hardware, software, platforms, networking and enabling technologies will be addressed.

With each presentation framed in vendor-neutral language, insights into the future of technology implementation will be given by the major international systems & technology innovators. Technology experts and industry leaders will contribute together with examples of current utilization of innovative technologies.

WSM 6:
09.30 - 12.30   RIDE - A roadmap for interoperability in eHealth systems: Roadmap and strategies towards semantic interoperability in eHealth systems in Europe

This workshop is one of a series of workshops organised by the RIDE project "A Roadmap for Interoperability of eHealth Systems in Support of COM 356 with Special Emphasis on Semantic Interoperability" (a co-ordination action project funded by the European Commission). The project examines the European-wide state of the art in eHealth interoperability, identifies goals and challenges towards a European harmonisation of eHealth systems and develops a roadmap towards the introduction of interoperable eHealth solutions in a collaborative and co-ordinated way in Europe. One special topic of interest for the RIDE project is the semantic interoperability of eHealth systems, i.e. the ability of systems to understand and process the information exchanged. The project regularly organizes workshops in order to disseminate the results achieved so far and to gain feedback and further input from stakeholders involved in eHealth in Europe.

The objective of this workshop is to reflect on and debate about the roadmaps and strategies towards semantic interoperability for eHealth solutions. Several stakeholders will present their views for discussion in order to address multiple perspectives on this topic. The results of the workshop will feed into the further activities of the RIDE project and ultimately contribute to the shaping of eHealth interoperability in European member states.

WSM 7:
14.00 - 16.30   ePrescript Project Workshop

The ePrescript project concerns the validation of the secure and safe electronic interchange of prescriptions and dispensing notification between primary and secondary care prescribers and retail pharmacies. The project is industry lead and funded through the European Commission eTen funding program. The participating countries are Ireland, Belgium and Poland. The focus of the project is to market validate the technology required and to identify potential viable business opportunities for the participants.

The purpose of the workshop is to:
• present our experience to date as we complete the required integration services and the delivery of the advanced secure interchange services.
• discuss the integration with local EHR's, our approach and the differences between the participating countries.
• discuss the pilot successes and challenges encountered to-date, our technology approach and how we have adopted available national and European standards will also be discussed.

We have invited speakers from other European countries who have already attained great success through similar Initiatives.
We will also discuss:
• the challenges of cross border prescriptions and how trans-national drug databases can help to deliver better patient services as we travel more and more between countries.
• Medication management and how ePrescript can help will also be discussed.
• The inherent benefits, both financial and improved patient care through security and communication will show how modest investment can deliver enormous savings

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IRISH FORUM FOR HEALTH INFORMATICS MEETING AND RECEPTION

Sixth Annual Meeting of the Irish Forum for Health Informatics
Wednesday 21 November 2007 at 17.00

Membership of the Forum (IFHI) is open to all with an interest in health informatics, i.e. from a wide-ranging stakeholder interest group of clinicians, nurses and other health professionals, IT professionals, health managers, systems developers/vendors, health authority and hospital interests, researchers/educators, patients associations and professional and other organisations/associations.

IFHI was established by ProRec Ireland and HISI, both non-aligned, non-profit organisations, to provide an environment for open discussion, debate and exchange of ideas and knowledge; also an environment for mutual learning and updating of information on various trends and developments towards good practice in health informatics.

This 6th IFHI meeting provides an opportunity for a cross-section of the Irish community of stakeholder interest groups to articulate their views on how the quality and effectiveness of healthcare can be impacted and supported by health informatics; on how best to influence policy makers to invest in the development of health informatics; on what role various representative groups /associations, not least those representing patients, and the media can play in supporting the development of health informatics.

To request an invitation and/or to become a member of the Forum, contact:
Orla F. Muldoon Healthcare Informatics Society of Ireland, 58 Eccles Street, Dublin 7,
Tel: 01 8821796, Fax: 01 8307728. Email: info@ifhi.ie

'PLENARY SESSION: STRATEGIC IMPLEMENTATION OF ICT AS A CATALYST IN THE TRANSFORMATION OF HEALTHCARE DELIVERY PROCESSES'   09.00 – 13.00

Welcome:	Mr. G. Hurl, Chairman, HISI
Opening Address:	Professor Gerry Lyons, President of HISI
Session Chair:	Mr. Denis Doherty, President of The Health Management Institute of Ireland
Keynote Speakers:	Mr. Michael W. Murphy: Recipient of the USA, 2007 CEO IT Achievement Award, President and Chief Executive Offiver of Sharp Healthcare.
	Mr. John O'Brien, National Director of National Hospitals Office, HSE
	Mr. David Davies, NHS Wales Implementation Director, Informing Healthcare
	Professor Kari Sven Robert Harno, MD, PhD, Heilsinki University Central Hospital, Heilsinki, Finland.

KEYNOTE SPEAKER PROFILES

Mike Murphy is president and chief executive officer of Sharp HealthCare. Murphy oversees a workforce of nearly 14,000 employees, 2,600 affiliated physicians and 2,000 volunteers. They provide care and service in a fully integrated non-profit system that includes four acute care hospitals, three specialty hospitals, three affiliated medical groups, five urgent care centers, four skilled nursing facilities, home health, hospice, state-of-the-art outpatient facilities and a health plan.

Murphy was appointed to his position in June 1996. Murphy grew up in Southern California. He is a graduate of California State University at Long Beach and is a certified public accountant. His career in health care spans more than 20 years. He served as chairman of the board of the Greater San Diego Regional Chamber of Commerce in 2005. Murphy is a member of the American Hospital Association's Health Care Systems Governing Council and is actively involved as a member and supporter of several community based health and social service organizations.

John O'Brien is Director of the National Hospitals Office and is responsible for 53 Acute hospitals in the Health Service Executive. He was Chief Executive of St. James's Hospital, the largest Academic Teaching Hospital in Ireland. He has extensive experience in Health and Hospital Management both Nationally and Internationally covering some 30 years. John has led and executed a large range of special interest initiatives in the Health Sector covering areas such as Information Systems, Strategy Planning, Commissioning of major health Enterprises, Corporate Governance and Executive systems design and large scale organisation reconfiguration and change. He has also participated as a member of a number of Ministerial/Department of Health & Children sponsored review groups.

David Davies was a member of the working group that oversaw the delivery of the original Informing Healthcare strategy and has been closely associated with the development of the programme since 2001. He joined the programme on 'day one' being seconded from his role as Head of Modernisation in a local NHS Trust to help set the programme up. David has over 25 years experience in NHS Wales eight of which have been spent working in the field of technology assisted change management. Prior to joining IHC David held a broad range of general management posts in the NHS extending from hospital management to running medical and surgical directorates in an acute Trust. As the Director of Implementation David now leads on engagement, readiness and professional development with the NHS in Wales.

Kari Harno is a chief physician at Helsinki University Central Hospital. He is currently co-ordinating the implementation of the Finnish national repository for healthcare. In 2006, Harno co-chaired a working group tasked with the preparation of legislation on processing digital in information in healthcare and social affairs.

Harno has been asked on several occasions by the Finnish Ministry of Social Affairs and Health to participate in national working groups on Finland-wide electronic health records, ePrescription and legislation to support the use of eHealth. In his position as head of the Regional Health Information Network project UUMARhio, Harno was responsible for the installation and co-ordination of the network of 31 municipalities and the Hospital District of Helsinki and Uusimaa.

After completing his medical studies in Vienna University, Harno obtained a PhD and specialised in Internal Medicine and diabetology in Helsinki University. Harno is an associate professor in medical informatics at Kuopio University.

	1A: Electronic Health Records - enabling processes, systems and technologies	2A: E-Technologies Supporting - education and inter-active processes	3A: Supporting clinical processes, technologies, systems and models	4A: Accessing and managing clinical data and information	5A: Innovative use of systems and technologies
	Chair: W. Grimson, Chairman, Healthcare Informatics Standards Committee, NSAI	Chair: P. Felle, Director, Centre for Health Informatics, University College Dublin	Chair: Mr. Diarmuid UaConaill, Consultant Biochemist, Mater Misericordiae Hospital	Chair: D. O'Shea, Director, Medical Informatics Group, School of Biotechnology, Dublin City University	Chair: M. Sharp, Lecturer & Course Director, Department of Computer Science, Trinity College
14.15	THE NATIONAL APPROACH STRATEGIES FOR A SUCESSFUL ELECTRONIC HEALTH RECORD M. Cabrer HIMSS EMEA Governing Council and eHealth Adivisor	LETS TALK! USING THREADED ELECTRONIC DICUSSION BOARDS AS A TEACHING AND LEARNING STRATEGY S. Creedon School of Nursing and Midwifery, University College Cork	SUPPORTING MULTIDISCIPLINARY TEAM MEETINGS B. Kane, S. Luz Department of Computer Science, Trinity College Dublin	ORGANISATIONAL NEEDS ANALYSIS OF VIDEOCONFERENCED ONCOLOGY MULTI-DISCIPLINARY TEAM MEEETINGS J. Kenny, L. Maher, A. Craig, M. Coffey, G. Menezes Division of Radiation Therapy, School of Medicine, Trinity College Dublin, St. Jame's Hospital	BATCH CODING HIGH VOLUME HOMOGENOUS DAY CASES ON WINDOWS HIPE M. McKenna Economic and Social Research institute
14.35	HEALTH INFORMATICS AND SEMANTIC INTER-OPERABILITY Dr N. Booth BT Ireland	SOLAS - AN INTERACTIVE COMMUNITY FOR CHILDREN WITH CANCER [1]P. Hicks, [1]J. Grimson, [2]A. Daly, [2]S. Whelan, [3]O. Smith [1]Centre for Health informatics,, Trinity College Dublin [2]Children's Research Centre, Trinity College Dublin [3]The National Paediatric Haematology/Oncology and Bone Marrow Transplant Centre, Our Lady's Children's Hospital, Crumlin	A PRACTICAL MULTI-LEAD ECG SYSTEM FOR THE IMPROVED DETECTION OF CARDIAC DISEASE M.P. Donnelly, C.D. Nugent, D.D. Finlay, N.D. Black Faculty of Engineering, University of Ulster at Jordanstown, Northern Ireland	LEARNING FOR COMPLEX ADAPTIVE SYSTEMS: A SMART HOME PERSPECTIVE M.P. Poland, H. Wang, C.D. Nugent, L. Chen Faculty of Engineering, university of Ulster at Jordanstown, Northern Ireland	WEB2.0 AND HEALTHCARE: AVOIDING HYPE, REAPING BENEFITS K. Peyton Electric Mill, Sligo
14.55	USING THE HEALTH LEVEL SEVEN (HL7) ELECTRONIC HEALTH RECORD - SYSTEM FUNCTION MODEL TO DEFINE THE REQUIREMENTS FOR CERTIFICATION OF GP PRACTICE SOFTWARE SYSTEMS M. Boland, F. O'Cuinneagain, R. McMahon, B. Meade, P. O'Dowd, B. O'Mahony National General Practice Information Technology (GPIT) Group	DO STUDENT NURSES USE INFORMATION COMMUNICATION TECHNOLOGY EFFECTIVELY AS A COMMUNICATION SUPPORT AND TO MAINTAIN THEIR KNOWLEDGE OF BEST PRACTICE WHILE ON CLINICAL PLACEMENT P. Kavanagh Nursing Informatics Officer, NMPDU, HSE West, Donegal	COMPARISON OF HOME SLEEP MONITORING TECHNIQUES IN A CONTROL AND LOWER BACK PAIN POPULATION G. O'Donoghue, D. Hurley-Osing, P. de Chazal, N. Fox, C. Henegan School of Physiotherapy and Performance Science, University College Dublin	GP INTRANET: AN INFORMATION MANAGEMENT AND CLINICAL GOVERNANCE TOOLKIT FOR GENERAL PRACTICE [1]B. O'Brien, [2]W. Murdock, [1]P. Felle [1]School of Medicine and Medical Sciences, University College Dublin [2]Ballymoney Family Practice, Ballymoney	ON THE APPLICATIONS OF PEER-TO-PEER TECHNOLOGY IN HEALTHCARE INFORMATION SYSTEMS A. Aguilar Digital Enterprise Research institute, National University of Ireland Galway
15.15	USING TEXT ANALYTICS TO INTEGRATE CLINICAL TEXT INTO THE ELECTRONIC MEDICAL RECORD [1]K. Ryder, [2]M. Wallace, [2]A. Nevidomsky [1]ICT Department, AMNCH [2]IBM Dublin Software Lab			WHICH PDA FOR DATA COLLECTION IN COMMUNITY CARE? [1]P.J. McCullagh, [1]W.G. Kernohan, [1]L. Zhirui, [2]M. Power, [2]P. Glenfield [1]University of ULster [2]Ulster Community and Hospital Trust	SAMPLE TRACKING AND IDENTIFICATION IN BIOBANKS A. Zarabzadeh, J. Grimson Centre for Health and Informatics, Department of Computer Science, Trinity College Dublin
	Tea/ Coffee : 15.35 - 16.00	Tea/ Coffee : 15.35 - 16.00	Tea/ Coffee : 15.35 - 16.00	Tea/ Coffee : 15.35 - 16.00	Tea/ Coffee : 15.35 - 16.00
	1B: Electronic Health Records - enabling processes, systems and technologies	2B: E-Technologies Supporting - education and interactive processess	3B: Innovative Use of Systems & Technology	4B: Information Management, database technologies and analysis techniques	5B: Change management - technical & implementation issues
	Chair: G. Kernohan, Professor of Health Research, University of Ulste	Chair: P. Felle, Director, Centre for Health Informatics, University College Dublin	Chair: D. UaConnaill, Secretary, International Medical Informatics Association	Chair: M. Sharp, Lecturer & Course Director, Department of Computer Science, Trinity College	Chair: W. Grimson, Chairman, Healthcare Informatics Standards Committee, NSAI
16.00	DEVELOPING AN INTEGRATED CYSTIC FIBROSIS INFORMATION SYSTEM FOR MAJOR CF CENTRES S. Zhou, L. Foley CF Registry of Ireland	THE DEVELOPMENT OF A PURPOSEFULLY BUILT VIRTUAL LEARNING ENVIRONMENT FOR THE EDUCATION AND TRAINING OF HEALTH CARE PROFESSIONALS IN IRELAND C. McMahon, P. Henry, G. Cannon, M. McGrath, C. Lyng, A. Spencer School of Nursing, Dublin City University	A RANDOMISED CONTROLLED TRIAL OF TWO COMPUTER-BASED DECISION AIDS FOR MODE OF DELEVERY AMONG WOMEN WITH A PREVIOUS CAESAREAN SECTION T. Fahey, A.A. Montgomery, C.L. Emmettt, C. Jones, I. Rickets, R.R. Patel, T.J. Peters, D.J. Murphy Diamond Study Group, Department of General Practice, Division of Population Health Sciences, Royal College of Surgeons in Ireland	IMAGE PROPERTIES IN VIDEOCONFERENCIED MULTI-DISCIPLINARY TEAM MEEEINGS M. Quinn, A. Craig, L. Maher, M. Coffey, G. Menezes Division of Radiation Therapy, School of Medicine, Trinity College Dublin, St. Jame's Hospital	AN INVESTIGATION OF TREATED PATIENT DEMOGRAPHIC DATA THROUGH THE APPLICATION OF GEOGRAPHICAL INFORMATION SYSTEMS (GIS) AND SPATIAL ANALYSIS [1]K. Ryder, [2]W. Hynes [1]The Adelaide & Meath Hospitals, Incorporating the National Children's Hospital [2]University College Dubllin
16.20	A HOSPITAL WIDE INTEGRATED SYSTEM IN THE DEVELOPMENT OF STREAMLINING TECHNOLOGY FOR ALL IT SERVICES J. McKenna, P. Sheehan, The Galway Clinic	DELIVERY OF AN UNDERGRADUATE MEDICAL CURRICULUM USING A VIRTUAL LEARNING (VLE): IMPACT ON FORMATIVE LEARNING A. Cummins, S. Carty, M. Royston, W. Chan, A. O'Donahoe, G. Falk, K. McSorley, C. Boyd and T. Fahey Department of General Practice, Division of Population Health Sciences, Royal College of Surgeons in Ireland	EVALUATION OF A PILOT STUDY IN NORTHERN IRELAND TO ASSESS THE UTILITY OF MOBILE BASED COGNITIVE PROSTHETICS [1]D.J. Davies,[1]C.D. Nugent, [1]M.P. Donnelly, [2]D. Craig, [1]M.D. Mulvenna, [3]S. Martin, [1]J.G. Wallace [1]School of Computing and Mathematics, University of Ulster at Jordanstown [2]Belfast ity Hospital / Queen's University of Belfast [3]School of Health Sciences, University of Ulster at Jordanstown	BEYOND PACS: THE GLOBAL MEDICAL IMAGES RESPOSITORY [1]M. Cabrer, [2]T. Contessi [1]HIMSS EMEA Governing Council and eHealth Advisior [2]Medical Images Integration Specialist , Balearic Health Services, Spain	IMPLEMENTING IP TELEPHONY IN A LARGE HOSPITAL M. Buckley, C. Robertson, M. McLoughlin, E. Buckley, M. Sinnott, A. Dooley, B. Fanning, P. Tidman, j. Nolan, J. Doolin, F. Hennelly St. James Hospital, Dublin
16.40	ELECTRONIC REFERRAL MANAGEMENT, A NORTHERN IRELAND CASE STUDY K.J. Gleeson PA Consulting Group	USING E-LEARNING TO SUPPORT MEDICATION MANAGEMENT PRACTICE STANDARDS FOR NURSES AND MIDWIFES IN IRELAND [1]A. McHugh, [2]K. Walsh [1]School of Nursing, Midwifery and Health Systems, University College Dublin [2]An Bord Altranais	IMPLEMENTING A QUALITY ASSURANCE FRAMEWORK IN NURSING AND MIDWIFERY WITHIN THE ACUTE SERVICES OF LOUTH / MEATH D. Donegan, K. Mc Ginn Nursing and Midwifery Planning and Development Unit, Co; Louth	IP VIDEOCONFERENCING TRIAL OF TRANSMITTED MEDICAL IMAGES [1]K. Coogan, 1P. Oslizlok, [1]D. Coleman, [1]D. Murphy, [1]D. Rea, [2]G. Boylan, [2]M. Maguire, [1]A. Coughlan, [1]J. Kearns, [3]P. Felle [1]Our Ladys Childrens Hospital, Crumlin [2]Cork University Hospital [3]School of Medicine and Medical Sciences, University College Dublin	HIGH-THROUGHPUT AUTOMATED IMAGE ANALYSIS OF TISSUE MICROARRAYS: APPLICATION IN THE QUANTIFICATION OF HER-2 IMMUNOSTAIN [1]C.M. Conway, [2]A. O'Grady, [2]D. Alleen, [3]A.M. Hanley, [1]L. O'Driscoll, [2]E. W. Kay, [1]D. G. O'Shea [1]Medical Informatics Group, School of Biotechnology, Dublin City University [2]Department of Histopathology, Beaumont Hospital & Royal College of Surgeons in Ireland [3]SlidePath, Invent, Dublin City University

COMMERCIAL EXHIBITION

This year's commercial exhibition will showcase a wide range of systems and technologies utilised in healthcare today. The exhibition will take place in Shelbourne Rooms I, II, III & IV during conference hours throughout the two days. Lunch and refreshments will be provided in the conference area to maximise your opportunity to update yourself on the latest technology developments and commercial systems. In addition to exhibiting and demonstrating their systems and products, vendors will take part in two special vendor parallel sessions on both Weds. 21 & Thurs. 22. These sessions will enable each company make specific announcements and presentations. Companies which will be exhibiting and/or participating in the commercial session include:

Bootstrap : Clonard House, Sandyford Road, Dublin 16. www.bootstrap.ie
C2C The eHealth Company : 18 Upper Fitzwilliam Street, Dublin 2. www.c2ctsis.com
Cerner Ltd : 6th Floor, the Point, 37 North Wharf Road, London W2 1AF, UK . www.cerner.com
DMF Systems : Dysert House, Plato Business Park, Damastown, Mulhuddart, Dublin 15. www.dmf.ie
Eircom Government Markets: Cumberland House,Fijian Street, Dublin 2. www.eircom.ie

Helix Heath Limited: 52 Broomhill Road, Tallaght, Dublin 24. www.helixhealth.com

Hewlett-Packard Ireland : Liffey Park Technology Campus, Barnhall Road, Leixlip, Co. Kildare . www.hp.com

Hospital Services Limited : Dublin & Belfast Offices – see www.hsl.ie.

IMS Maxims plc : Clara House, Glenageary Park, Glenageary, Co. Dublin. www.imsmaxims.com

InferMed Ltd.: 25Bedford Square, London WC1B 3HW. www.infermed.com

InterSystems : InterSystems House, Tangier Lane, Eton, Windsor, Berkshire, SL4 6BB England. www.intersystems.com

iSOFT : Unit 3, St. John's Court, Swords Road, Santry, Dublin 9. www.isoftplc.com

MANITeX : 'New Dimensions in Health Informatics', Gaia House, 10 Castle Park, Monkstown, Co. Dublin. www.manitex.ie

MedCon UK: Premier House, 112 Station Road, Edgware, UK HA8 7BJ.

Oracle Ireland : Block H, East Point Business Park, Clontarf, Dublin 3. www.oracle.com

Orion Health Limited : 155 Regent's Park Road, London NW1 8BB, UK. www.orionhealth.com

Panasonic Brand Communications: Willoughby Road, Brachnell, Berks RG12 8FP, UK

Philips Medical Systems: Newstead, Fonthill Industrial Park, Dublin 22. www.philips.medical.com

COMMERCIAL EXHIBITION (CONT.)

Roto Form / Laserband: 32 Ravensrock Road, Sandyford Business Estate, Dublin 18. www.rotoform.ie

Siemens Ltd.: Fitzwilliam Court, Leeson Court, Dublin 2. www.siemens.ie

Slidepath: INVENT Centre, DCU, Dublin 9 www.slidepath.com.

Softworks Computing Ltd : 111 Main Street, Bray, Co Wicklow, Ireland. www.softworks-computing.com

Stalis Ltd : The Spendlove Centre, Charlbury, Oxford, OX7 3PQ, UK. www.stalis.com

ZETES Ltd. The National Technology Park, Plassey, Limerick. www.zetes.ie

COMMERCIAL PRESENTATIONS SCHEDULE

Wednesday November 21

12:00am — **InferMed Systems**
Presenter: Dr. Robert Dunlop
Presentation: Clinical Desision Support

12:30am — **iSOFT**
Presenter: Mike Dobson, iSOFT Product Manager
Presentation: "LORENZO practical steps towards SOA for Health"

2pm — **ZETES**
Presentation : "WiFi & RFID location technology and Bar-Coded wrist bands'
Presenters : Barry Long, ZETES

2.30pm — **Orion Health Ltd**
Presentation : "A framework for creating electronic health records'"
Presenter : Simon Philpott -Director, UK & Ireland, Orion Health Ltd

3pm — **Cerner Ltd.**
Presentation:"Benefits of IT tin supporting patient safety and improving the decision making process'."
Presenters : Dr. Simon Wallace, Cerner Senior Physician Executive

3.30pm — **McKesson Provider Technologies**
Presentation : "Enterprise Imaging & Workflow"
Presenter : Kenneth Kaufman

4pm — **Oracle Ltd.**
Presentation: 'European Case Study on Healthcare Deployment'
Presenter: Oracle Guest Speaker

Thursday November 22

11.30am — **C2C the eHealth Company**
Presentation : "Beyond PACS: Medical Images Organiser"
Presenter : Rita Almada, C2C EMEA Sales Manager

2pm — **Softworks Computing Ltd.**
Presentation : "Healthcare Workforce Management - Automation from Roster build through to Payroll generation' ".
Presenter ; Mr. Noel Dooley

2.30pm — **Helix Health**
Presentation: "The Future of eHealth"

3.30pm — **IMS Maxims plc.**
TBA

The Irish Computer Society showcase the Health Informatics Training System (HITS)

The support and promotion of training in health informatics has always been a fundamental objective of the Healthcare Informatics Society of Ireland. With the 2004 launch of the Health Informatics Training System HISI went one step further to introduce its own foundation level training programme in healthcare informatics. HISI worked with ICS SKILLS, the training and certification arm of the Irish Computer Society, to develop the programme. As the national licensing body for a range of IT training programmes including ECDL, ICS SKILLS has considerable expertise in the area of training and certification.

The HITS programme was devised to respond to the needs of healthcare workers who require a clear understanding of the technologies used in the sector and their contribution to administrative and clinical best practice. HITS is delivered online and can be run as a self-study programme or offered in conjunction with trainer-led sessions. A growing number of HITS centres have opened nationally. As a foundation level programme HITS is relevant to almost anyone working in the healthcare environment.

For further information on HITS contact visit the ICS website - www.ics.ie

The National Standards Authority of Ireland (N.S.A.I.)

In Ireland, the Government has established the National Standards Authority of Ireland (N.S.A.I.) as the Semi-State Body with authority and responsibility for drafting and implementing standards in Ireland. The N.S.A.I. do not work in isolation from the rest of the world. They are Ireland's representative on many International bodies, including ISO (International Organisation for Standardisation, www.iso.ch) and CEN (European Committee for Standardisation, www.cenorm.be), the two biggest alliances of standards makers.

ISO is a global network of national standards institutes from 146 countries working in partnership with international organizations, governments, and industry, business and consumer representatives. CEN is a similar body specifically catering for the needs of EU, HL7, IEEE, SNOMED and others also write standards for Health informatics. Today, there is almost full co-operation between these bodies as their work overlaps and merges.

N.S.A.I.'s, Health Informatics Standards Committee (H.I.S.C.) is Ireland's official standards group for Healthcare Informatics, established in 2004 to contribute to the development of European or International standards for patient and hospital information systems, specifically through participation in the work of CEN TC 251, ISO TC 215, and HL7; and to advise N.S.A.I in regard to the need for National standards that are either developed or being developed to cover all aspects of Health Informatics.

For further information, visit www.nsai.ie

The Irish Computer Society

The Irish Computer Society was founded in 1967 as the national body for Information and Communication Technology (ICT) Professionals in Ireland. Since its foundation the ICS has promoted the continuous development of professional ICT knowledge and skills in Ireland by organising seminars, lectures and related activities.

The mission of the ICS is to advance, promote and represent the interests of ICT professionals in Ireland by providing its members with:

- An independent representative voice
- Independent means of keeping up to date
- Resources for professional development
- A network of contacts in the ICT sector
- Europe-wide professional recognition
- Guidance on professional standards

To advance and promote computer literacy throughout the Irish population by:
- Providing a means for current and potential computer users to achieve certified qualifications
- Promoting the continuous development and availability of ICT curricula and the use of appropriate information and communications technology throughout the education system.
- To advance and promote Ireland's economic, educational and cultural participation in the worldwide Information Society

Contact: The Irish Computer Society,Crescent Hall, Mount Street Crescent, Dublin 2,
Tel:(1) 644 7820 E mail:info@ics.ie Web: www.ics.ie

Annual Awards: Research Bursaries & Best Paper Award presented at the Conference (Thurs. 21st of November)

Every year the Society awards two research bursaries of €2,000 each, to enable individuals study an area of Healthcare Informatics. Submissions are received from a range of Informatics students at Bachelor, Higher Diploma/ Post Graduate Diploma, Masters and PhD level. The winners of the 2007 bursaries will be announced at the plenary

The award for best paper presented at the conference is kindly sponsored by IMS MAXIMS plc and will be announced after the close of the parallel sessions on Thursday afternoon.

POSTER PRESENTATIONS

MIDDLEWARE INFRASTRUCTURE FOR INTERNET-SCALE BIOMEDICAL MONITORING OF PATIENTS
A. Aguilar, M. Hauswirth; Digital Enterprise Research Institute (DERI), National University of Ireland, Galway.

From 1978 to 1996, the Health Care Specialist Group of the Irish Computer Society represented Healthcare Informatics interests in the Republic of Ireland. In May 1996 the members of the Health Care Specialist Group formed a new society, the Healthcare Informatics Society of Ireland (Cumann Ríomheolais Sláinte), in order to broaden the base of membership and increase the range of services offered. By formal agreement with the Irish Computer Society, the Health Care Specialist Group was disbanded, and its functions, assets and liabilities transferred to the new Society, which then became affiliated to the Irish Computer Society.

The Healthcare Informatics Society of Ireland was inaugurated formally at its First Annual Conference in the Burlington Hotel, Dublin, on Thursday 10 October 1996. The new society incorporates the Healthcare Informatics section of the Royal Academy of Medicine in Ireland. Thus the Healthcare Informatics Society is in a position to build bridges between computer professionals interested in health care, and health care professionals interested in computing, while supporting and embracing the new professionals of health care informatics. Currently, membership is drawn from information technology, medicine, nursing, other professions allied to medicine, education, government and industry.

The objectives as set out in the Constitution are:

1. To develop and disseminate knowledge of the use of informatics in health care;
2. To promote research and education in health care informatics;
3. To participate internationally with bodies of similar interests.

In pursuit of the third objective, the Healthcare Informatics Society of Ireland is a member of the European Federation for Medical Informatics, and the International Medical Informatics Association and represents Ireland on both these organisations.

Benefits available to members of the Society include participation in the annual conference and scientific symposium, section meetings on specific topics of interest, mailing lists and access to members section on the society's web page

Membership of the Society has been set at €25 per annum. Members of the Irish Computer Society or the Royal Academy of Medicine in Ireland are accepted free of charge.

For information email hisi@hisi.ie and visit www.hisi.ie

The Irish Forum for Health Informatics (IFHI) is a national, non-aligned, not-for-profit group open to all with an interest in health informatics including individuals such as Health Managers, Clinicians, Nurses, Allied Health Professionals, IT Professionals, Researchers/Educators as well as Users, Suppliers, Health Bodies/Hospital interests, Professional Organisations and Private Associations. It was established to develop a process of sharing, collaborating, debating, exchanging, learning, updating and disseminating information and ideas about areas such as good practice, integrated solutions, international developments, interoperability, standards and research.

Apart from broadening knowledge and awareness generally in the health informatics field, IFHI aims through its networking process to promote developments in that field. It also through its activities aims to support the priorities of the Government Health Strategy and the forthcoming Health Information Strategy and through the provision of feedback, to influence the evolution of future strategy and priorities. IFHI aims to provide information and to make knowledge available through a website and also to provide resource material through other media, e.g. a CD Rom on the pros and cons of Electronic Health Records. IFHI is in a position to develop close links with developments outside of Ireland through affiliations with EUROREC and EHTEL, the relevant European institutions in the field of electronic health records and health telematics, respectively. It is also developing links with similar type organisations in other countries such as USA, Canada and Australia.

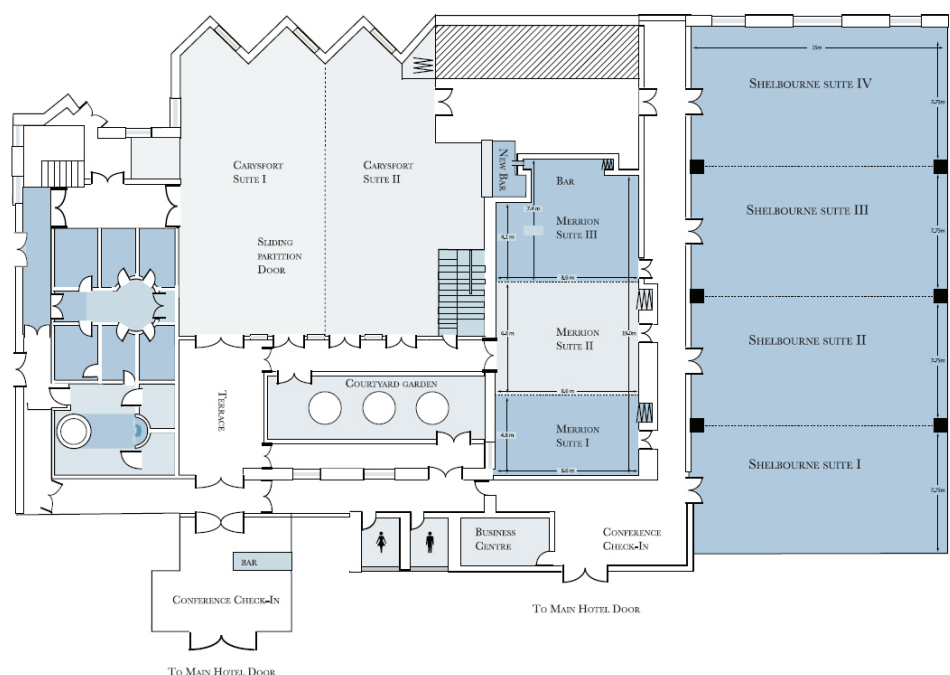For information email info@ifhi.ie and visit www.ifhi.ie

ProRecIreland is the Irish national body within the EuroRec Institute. It's mission is to promote the adoption and extended use of high quality Standardised Electronic Health Records and the required infrastructure. It's guiding principles to contribute to and support national healthcare initiatives and it's priorities for promoting EHRs will be informed by national objectives. It is focused on the dissemination of information and the promotion of comprehensive, communicable and secure EHRs by:

• raising awareness of issues related to EHRs, their potential in improving healthcare delivery, and the requirements for their development, by means of conferences, fora, workshops/seminars, and through publications or websites.

• providing a forum for linkages between users, suppliers/developers and those concerned with policy and resource provision in healthcare.

For information contact: E-mail: eolas@prorecireland.ie and visit www.prorecireland.ie

CONFERENCE LOCATION & VENUE

Wednesday 21 Morning

Carysfort Suite I	WSM 1
Carysfort Suite II	WSM 7
Merrion I	WSM 3
Merrion Suite II	WSM 4
Merrion III	WSM 5
Shelbourne I,II, III & IV	Commercial Exhibition, Lunch, Tea/Coffee
Trinity Suite	Commercial Session

Wednesday 21st Afternoon

Carysfort Suite I	WSM 3
Carysfort Suite II	WSM 6
Merrion I	WSM 3
Merrion Suite II	WSM 2
Merrion Suite III	WSM 5
Shelbourne I,II, III & IV	Commercial Exhibition, Tea Coffee
Trinity Suite	Commercial Session

Wednesday 21st Evening

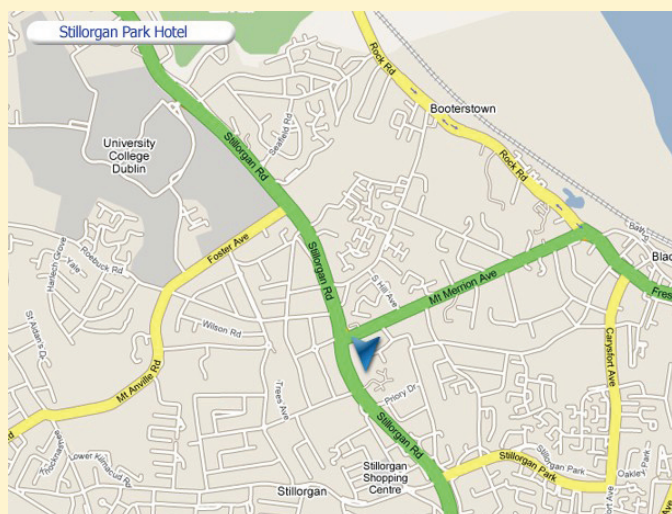|	
Merrion II & III	IFHI Forum
Shelbourne I,II, III & IV	Opening Ceremony, Reception Presentation of O'Moore Medal
Carysfort Suite I & II	Conference Dinner

Thursday 22nd Morning

Carysfort Suite I & I I	Plenary Session
Shelbourne I,II,III & IV	Commercial Exhibition, Lunch, Tea/Coffee

Thursday 22nd Afternoon

Merrion Suite I	Parallel Sessions 1A & 1B
Merrion Suite II	Parallel Sessions 2A & 2B
Merrion Suite III	Parallel Sessions 3A & 3B
Carysfort Suite I	Parallel Sessions 4A & 4B
Carysfort Suite II	Parallel Sessions 5A & 5B
Trinity Suite	Commercial Session
Shelbourne I,II, III & IV	Commercial Exhibition, Tea/Coffee

Workshops/Seminars/Masterclass

WSM 1 09.30 - 12.30: International experiences in implementing ICT in healthcare

WSM 2 14.00 - 17.00: CIO Masterclass / Workshop - Managing ICT in complex organisations

WSM 3 14.00 -17. 00: Exploring the Nursing Care Record in the Context of Integrated Care Delivery

WSM 4 10.00 - 16.30: Standards for Electronic Health Records and Interoperability - the foundation for effective ICT policies and strategies

WSM 5 10.00 - 16.30: Technology and Systems Innovations in Healthcare

WSM 6 09:30 - 12.30: RIDE

WSM 7 14.00 - 16.30: ePrecipt

Stillorgan Park Hotel - Map and Directions

Stillorgan Park Hotel, Stillorgan Road, Dublin, Ireland

Tel: +353 1 288 1621   Fax: +353 1 2831610

Email: sales@stillorganpark.com

Web: www.stillorganpark.com

From Dublin City centre:

Follow signs for the main N11 dual carriageway or Wexford Road – pass RTE studios on left and go through the next five sets of traffic lights – the hotel is located on the left-hand side of the road after the fifth set of lights.

From Dun Laoghaire:

Follow signs for Blackrock village – stay on the main road. On reaching Blackrock Shopping Centre on right and Roches Stores Shopping Centre on left – take next left turn (slip road) on to the Merrion Road. Go to the top of the road to the T-junction and stay in left lane. Take left turn at junction and the hotel is immediately on your left.

From Dublin Airport:

At Airport Roundabout take 2nd exit onto the M1 motorway (signposted Dublin). Leave the M1 at junction 3, then at roundabout take the 3rd exit onto the M50 (Southbound) Leave the M50 at junction 14 (signposted Dun Laoghaire), then at roundabout take the 2nd exit onto Leopardstown Road.(R113) At next roundabout take the 3rd exit onto Leopardstown Road and at traffic signals turn left onto Stillorgan Road (N11).