

EFMI Special Topic Conference
June 2-4, 2010
Reykjavik, Iceland

Seamless Care – Safe Care:
the Challenges of Interoperability and Patient Safety in Health Care

Prefinal Programme

Thursday, 3 June 2010

Main Hall

9:00-10:00 Keynote 1 (Session Chair: Bernd Blobel, Germany)

	William E. Hammond: What Is Seamless Care? What Is Its Value? What Does It Require? When Might we Get It?
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10:00-11:00 Scientific Session 1: Patient Empowerment, Patient Satisfaction (Session Chairs: Jana Zvarova, Czech Republik; Ebba Þóra Hvannberg, Iceland)

10:00-10:20	F.A. Allaert, C. Quantin: Patients' Empowerment of their Personal Health Record Requires Strong Traceability to Guarantee Patients Health Care Security (61)
10:20-10:40	L. Huniche, B. Dinesen, O. Grann, E. Toft, C. Nielsen: Empowering Patients with COPD Using Telehomecare Technology (50)
10:40-11:00	C. Showell, E. Cummings, P. Turner: Language Games and Patient-centred eHealth (52)

11:00-11:40 Coffee Break (Foyer)

11:40-12:00 Scientific Session 2: Process and Systems Evaluation (Session Chairs: Jacob Hofdijk, The Netherlands; Guðrún Auður Harðardóttir, Iceland)

11:40-12:00	I. Johansen, M. Rasmussen: Interoperability in Exchanging Lab Test Orders and Results between Laboratories Results in Full Traceability (60)
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12:00-13:00 Scientific Session 3: Security, Privacy, Safety, Quality

12:00-12:20	I. Tvede, K. Bredegaard, J.S. Andersen: Quality Improvements Based on Detailed and Precise Terminology (13)
12:20-12:40	B.T. Björnsson, G. Sigurdardottir, S.O. Stefansson: Risk Assessment of Integrated Electronic Health Records (38)
12:40-13:00	B. Katt, T. Trojer, R. Brey, T. Schabetsberger, F. Wozak: Meeting EHR Security Requirements: SeAAS Approach (48)

13:00-14:00 Lunch (Foyer upstairs)

14:00 14:30 Session Keynote Interoperability (Session Chair: Stig Kjær Andersen, Denmark)

	B. Blobel, C. Gonzalez, F. Oemig, D.M. Lopez, P. Nykänen, P. Ruotsalainen: The Role of Architecture and Ontology for Interoperability (16)
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14:30-16:30 Scientific Session 4 - Interoperability and Standards 1 (Session Chairs: Ragnar Nordberg, Sweden; Guðlaug Sigurðardóttir, Iceland)

14:30-14:50	H. Demski, C. Hildebrand, A. Brass, S. Jedamzik, R. Engelbrecht: Improvement of Cross-Sector Communication for an Integrated Health Environment (34)
14:50-15:10	M.H. Kuo, A.W. Kushniruk, E.M. Borycki: Design and Implementation of a Health Data Interoperability Mediator (15)
15:10-15.30	C. Gonzalez, B. Blobel, D.M. Lopez: Ontology-based Interoperability Service for HL7 Interfaces Implementation (5)
15:30-15.50	F. Oemig, B. Blobel: Harmonizing the semantics of technical terms by the Generic Component Model (25)
15:50-16.10	M. Nagy, P. Preckova, L. Seidl, J. Zvarova: Challenges of Interoperability Using HL7 v3 in Czech Healthcare (31)
16:10-16.30	M. Robles, J.T. Fernández-Breis, J.A. Maldonado, D. Moner, C. Martínez-Costa, D. Boscá, M. Menárguez-Tortosa: Use of Semantic Web Technologies and Archetypes for the Description of EHRs (29)

16:30-17:00 Tea Break (Foyer)

17:00-17:30 Session Keynote GS1 (Session Chair: Assa Reichert, Israel)

	U. Kreysa: When Supply Chain meets Care Delivery: Background on GS1 and HL7 Collaboration
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17:30-18:00 Poster Session - Poster Short Presentations 1 (Session Chairs: Christian Lovis, France; Hákon Sigurhansson, Iceland)

17:30-17:35	J.A. Maldonado, D. Moner, D. Boscá, L. Marco, J.T. Fernández-Breis, E. Reig, M. Robles: LinkEHR-Ed: a tool for the description and normalization of legacy clinical data (8)
17:35-17:40	M. Prados, M.C. Peña, B. Prados, B. Martinez, J.C. Ortigosa, A.C. Delgado: Electronic Health Record (EHR) Representation through an Ontology. Mobility, Accessibility, and Interoperability Usefulness (11)
17:40-17.45	L.D. ŞerbănaŃi, A. VasilăŃeanu: Agent-based Electronic Healthcare Record (27)
17:45-17.50	V. Ilakovac, M. Hercigonja-Szekeres, J. Devlies, G. De Moor: Text Analysis of EuroRec Repository Statements for the Purpose of Creation Multilingual Dictionary (57)
17:50-17.55	R. Iljaž, M. Meglič, I. Švab: Experts' consensus about ePriorities in Slovene primary care – work in progress (17)
17:55-18.00	V. Kebo, P. Klement, Z. Čermáková, J. Gottfried, M. Sommerová, A. Paleček: Potential of RFID technology in Blood Center (21)

Hall 2

10:00-11:00 Case Mix Panel

11:40-13:00 Workshop 2 - EFMI Primary Care Informatics WG Workshop

11:00-11:40 Coffee Break (Foyer)

13:00-14:00 Lunch (Foyer upstairs)

14:30-16:30 Workshop 3 - “Convergence” Workshop – Towards a roadmap on semantic interoperability

16:30-17:00 Tea Break (Foyer)

Hall 3

10:00-13:00 Workshop 1 - "Convergence" Workshop on semantics and ontology
(by invitation only)

Friday, 4 June 2010

Main Hall

9:00-10:00 Keynote 2 (Session Chair: Joos Aarts, The Netherland)

	Peter L. Elkin, B.E. Trusko, R. Koppel, T. Speroff, D. Mohrer, S. Sakji, I. Gurewitz, M. Tuttle, S.H. Brown: Putting the Semantics back in Interoperability
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10:00-10:40 Scientific Session 5 - Interoperability and Standards 2 (George Mihalas, Romania; Arna Harðardóttir, Iceland)

10:00-10:20	D. Moner, J.A. Maldonado, D. Boscá, C. Angulo, M. Robles, D. Pérez, P. Serrano: CEN EN13606 Normalisation Framework Implementation Experiences (12)
10:20-10:40	P. Krause, S. de Lusignan: Procuring Interoperability at the Expense of Usability: a Case Study of UK National Programme for IT Assurance Process (30)

10:40-11:00 Scientific Session 6 - Traceability

10:40-11:00	J.-J. Sarrasin, M. Schumacher, C. Hay, P. Richard: HEALTH-IDENTITY: Mobile Services for Consumers of Medicines (7)
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11:00-11:40 Coffee Break (Foyer)

11:40-13:00 Scientific Session 7 - Patient Safety and Continuity of Care (Session Chairs: Rolf Engelbrecht, Germany; Björn Jónsson, Iceland)

11:40-12:00	R. Wipfli, C. Lovis: Alerts in Clinical Information Systems: Building Frameworks and Prototypes (10)
12:00-12:20	L. Stoicu-Tivadar, V. Stoicu-Tivadar, D. Berian: Tele-assistance for Discharged Patients Supporting Continuity of Care (47)
12:20-12:40	M. Romano, M. Cesarelli, G. D'Addio, M.C. Mazzoleni, P. Bifulco, N. Ferrara, F. Rengo: Telemedicine Foetal Phonocardiographic Surveillance: an Italian Satisfactory Experience (35)
12:40-13:00	M. Rigby: Citizens, Seamlessness, and Care - Inter-relationships and Inter-operability (64)

13:00-14:00 Lunch (Foyer)

14:00 -14:30 Session Keynote EHR (Session Chair: Valgerður Gunnarsdóttir, Iceland)

	M. Heimisdóttir: Electronic Health Record, Why and for Whom?
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14:30-15:30 Scientific Session 8 - Electronic Health Records, Personal Health Records (Session Chairs: John Mantas, Greece, Óskar Einarsson, Iceland)

14:30-14:50	J. Mykkänen, M. Tuomainen, I. Luukkonen, T. Itälä: Analysis Model for Personal eHealth Solutions and Services (39)
14:50-15:10	A. Brass, D. Moner, C. Hildebrand, M. Robles: Standardized and Flexible Health Data Management with an Archetype Driven EHR System (EHRflex) (9)
15:10-15:30	M.A. Shifrin: On a Seamless Transition from a Running EPR System to a New One (55)

15:30-16:00 Tea Break (Foyer)

16:00-16:20

Scientific Session 9 - Patient Safety and Continuity of Care

16:00-16:20	D. Zikos, M. Diomidous, J. Mantas: A Framework for the Development of Patient Safety Education and Training Guidelines (28)
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16:20-17:00 Poster Session - Poster Short Presentations 2 (Session Chairs: Patrick Weber, Switzerland; Sigrún Gunnarsdóttir, Iceland)

16:20-16:25	O. Belov, I. Belova: Distributed Medical Information System (49)
16:25-16:30	G. Endel, K. Neumann, R. N. Boubela, K. Kalcher, G. Nell: Clinical Relevance of Pharmacologic Interactions (6)
16:30-16:35	K.S. Kristjánsdóttir: The Heart of the Matter: a Dashboard in the Emergency Department (45)
16:35-16:40	P. Doupi: Automated Trigger Tool Development Using the Finnish Minimum Data Set for EPRs (54)
16:40-16:45	K.S. Kristjánsdóttir, C. Delaney, M.D. Ragnarsdóttir, B. Westra: Can Electronic Health Record Users in Iceland Prescribe Interprofessional Treatment Plans? A Pragmatic Use of Clinical Vocabularies and User Centered Design (46)
16:45-16:50	E. Mytilinaïou, V. Koufi, F. Malamateniou, G. Vassilacopoulos: A Context-Aware Authorization Model for Interoperable Electronic Health Records (51)
16:50-16:55	S. Lou, L. Hulbæk: Improving Interpreting Services in Health Care through the Use of Video Conference Equipment (59)
16:55-17:00	

17:00 --- Closing Ceremony

Hall 2

10:00-13:00 Workshop 4 – HL7/GS1 Workshop

11:00-11:40 Coffee Break (Foyer)

13:00-14:00 Lunch (Foyer)

14:30-16:30 Workshop 5 - The Conception of Clinically Functional Software

15:30-16:00 Tea Break (Foyer)