



**The 11th IFIP Conference on
e-Business, e-Services, e-Society
(I3E 2011)**

October 12-14, 2011
Hotel Park Inn Kaunas, Donelaicio st. 27, Kaunas, LITHUANIA

Organizer by



CONFERENCE PROGRAMME

Day 1 - Wednesday, October 12, 2011

08:30-09:00 Registration

09:00-09:15 Opening

Prof. Asta Pundziene
Vice Rector for Research, Kaunas University of
Technology

09:15-10:15 Key Note

On the Meaning of Innovation

Speaker **Dr. Regis Cabral**

10:15-10:45 Coffee Break

10:45-12:25

Session 1. e-Government and e-Governance
Chaired by prof. Remigijus Gustas

**A Practical Methodology for Development of a
Network of e-Government Domain Ontologies**
Hele-Mai Haav

**Channel Choice in the G2B context: Towards a
Research Agenda**
Yvon van den Boer, Willem Pieterse, Rex Arendsen

**Supporting Customs Controls by Means of
Service-Oriented Auditing**
Hans Weigand, Faiza Allah Bukhsh

**IMP2.0 Migration Collaborative Platform and e-
Services**
Nineta Polemi, George Pentafronimos, Theodoros
Ntouskas

12:25-13:25 Lunch

13:25-14:40

Session 2. e-Services

Chaired by prof. Egidijus Kazanavičius

Consumer Side Resource Accounting in the Cloud
Ahmed Mihoob, Carlos Molina-Jimenez, Santosh
Shrivastava

**Privacy Aware Obfuscation Middleware for Mobile
Jukebox Recommender Services**
Ahmed M. Elmisery, Dmitri Botvich

**Self-service Systems Performance Evaluation and
Improvement Model**
Virgilijus Sakalauskas, Darius Dilijonas

14:40-15:10 Coffee Break

15:10-16:25

Session 3. Digital goods and products

Chaired by dr. Konstantinos Giannoutakis

**Service Provisioning Framework for Digital Smart
Home Services**
Egidijus Kazanavicius, Darius Imbrasas, Mantas
Razukas

**Open-source software implications in the
competitive mobile platforms market**
Salman Qayyum Mian, Jose Teixeira, Eija Koskivaara

**Diminishing print vs. rising electronic publishing:
the case of Lithuania**
Gintare Gudaityte, Vida Melninkaite, Daiva Vitkute-
Adzgauskiene, Vladislav V. Fomin



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Day 2 - Thursday, October 13, 2011

09:00-10:00

Key Note

Governance, Risk and Compliance for e-Business and e-Services - Approaches, Technologies and Tools

Speaker **Dr. Marcus Spies**

10:00-10:30

Coffee Break

10:30-12:10

Session 4. e-Business Process Modeling and re-Engineering

Chaired by dr. Hele-Mai Haav

A Method for Conceptual Modeling of Semantically Integrated Use-case Scenarios
Remigijus Gustas, Prima Gustiene

Ontology-Driven Business Process Design
Carla Marques Pereira, Artur Caetano, Pedro Sousa

On the use of a role ontology to consistently design business processes
Artur Caetano, José Tribolet

Towards Traceability Metamodel for Business Process Modeling Notation
Saulius Pavalkis, Lina Nemuraite, Edita Milevičienė

12:10-13:10 Lunch

13:10-14:25 **Session 5. Innovative e-Business Models and Implementation**
Chaired by prof. Irene Krebs

The Connected Homes: From Market Barriers to Business Model Solutions
Malgorzata Ciesielska, Feng Li

Developing Sustainable e-Business Models for Intelligent Transportation Systems (ITS)
Konstantinos Giannoutakis, Feng Li

Observations on eBusiness Implementation Capabilities in Heterogeneous Business Networks
Tero Pesonen, Kari Smolander

Development of e-Services in Latvian Insurance Industry: the Critical Role of Quality Benchmarking
Valdis Janovs, Vladislav V. Fomin

15:00-15:15 Coffee Break

15:15-16:15 **Panel Discussion**

Social Media – Why Should We Be Interested in It?

Moderator: **prof. Reima Suomi**

19:00 **Conference Dinner**

Restaurant "Senieji rūšiai", Vilniaus str. 34, Kaunas



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Day 3 - Friday, October 14, 2011

09:00-10:00

Key Note

**Model-Driven Service Choreographies in the
Future Internet**

Speaker **Dr. Darius Silingas**

10:00-10:30

Coffee Break

10:30-12:10

Session 6. e-Health and e-Education

Chaired by prof. Nicholas Nechval

**A New Model to Study ICT Adoption in
Connection with Physical Activity - the TAMPA-
Model**

Eija Koskivaara, Raija Laukkanen, Olli J. Heinonen

**A New Electronic Path to the Hospital – a
Prenatal Observation System**

Arnim Nethe, Irene Krebs

**Students' E-learning System Usage Outcomes: a
Study with a Learning Management System**

A.K.M. Najmul Islam

**Antecedents of Post-Adoption Expectations: a
Study in the e-Learning Context**

A.K.M. Najmul Islam

12:10-13:10 Lunch

13:10-14:25

Session 7. Innovative e-business models

Chaired by prof. Santosh Shrivastava

**Towards Reuse-Oriented and Web-Based
Collaborative Framework for e-Business
Providers**

Vladimirs Kotovs, Andrejs Lesovskis, Leonids Novickis

Weibull Model for Dynamic Pricing in E-Business

Nicholas Nechval, Maris Purgailis, Konstantin Nechval

**Multi Level Fuzzy Rule Based Analysis of Virtual
Team Performance**

Dalia Kriksciuniene, Sandra Strigunaite

14:25-14:40 Closing Ceremony