

Schedule INC 2010 www.INC2010.org
Tuesday, 6th July 2010

Room : Carl Bosch

Room : Fritz Haber

10:00 - 11:00
Check In

11:00 - 11:30
Opening

Prof. Bernd Steffensen, Vice President Research and Development, Hochschule Darmstadt
Prof. Steven Furnell, University of Plymouth
Prof. Udo Bleimann, Hochschule Darmstadt

11:30 - 12:30
Keynote : Future of the Internet (Society)
Professor Gunter Dueck, IBM

12:30 - 13:30
Lunch

13:30 - 15:00

Track 1 A : Security and Privacy

Chair : Steven Furnell

Christoph Kemetmueller, Mark Seeger, Harald Baier, Christoph Busch
Manipulating Mobile Devices with a private GSM Base Station – a Case Study

Ashar Javed
Fast Implementation of AES on Mobile Devices

Christophe Feltus
Conceptual Trusted Incident Reaction Architecture

13:30 - 15:00

Track 2 A : Learning Technologies

Chair : Bettina Harriehausen-Mühlbauer

Ingo Stengel, Oliver Schneider, Udo Bleimann
Exploration of Learner Preferences and their Impact Within a Media Module

Raquel Martinez, Francisco Javier del Álamo, José Alberto Jaén
Didactic Networks and Exemplification

Ivo Hristov
An Architecture of eLearning Enterprise Authoring Studio

15:00 - 15:30
Coffee Break

15:30 - 16:45

Track 1 B : Mobile and Wireless Networking

Chair : Ulrich Trick

Hans-Peter Petry, Detecon
Industry-Keynote : NGMN – We have the devices and services but do we have the network ?

Sandra Frei, Woldemar Fuhrmann, Andreas Rinkel, Bogdan Ghita
Signalling Effort Evaluation of Mobility Protocols within Evolved Packet Core Network

15:30 - 16:45

Track 2 B : Learning Technologies

Chair : Steve Wheeler

Ya-Chun Shih, Mau-Tsuen Yang
Linking Web 2.0 and 3D Virtual Reality for Language Learning: Design and Implementation

Bettina Harriehausen-Mühlbauer
Atlantis University – Learn Your Own Way

Hanna V. Shauchenka, Udo Bleimann, Matthias Knoll, Nathan L. Clarke
Service Quality Assessment in Distance Learning

16:45 - 17:15

Markus Brownell, Symantec

Anatomy of a breach or why is a classic Security Solution not enough

19:00
Social Event : Brauhaus Vetter

Room : Carl Bosch

Room : Fritz Haber

09:30 - 10:30

Keynote : Security in the Net – Why everything used to be better, bad things happen today and the future looks bright
Professor Erwin P. Rathgeb, University Duisburg-Essen

10:30 - 11:30

Track 3 A : Network Architectures and Management

Chair : Nigel Houlden

Vic Grout, Nigel Houlden

Some Notes and Results on Bandwidth-based Routing and Implicit Load Balancing

John N. Davies, Vic Grout, Rich Picking

Improving the Performance of IP Filtering using a Hybrid Approach to ACLs

10:30 - 11:30

Track 4 A : Security and Privacy

Chair : Paul Dowland

Ingo Ritter, Martin Kappes, Peter Wedde, Rüdiger Gad, Andreas Renner

Survey on Legal Data Protection Norms Relevant to Automated Network Infrastructure Analysis

Rafael Martínez-Peláez, Francisco Rico-Novella, Cristina Satizábal, Jacek Pomykala
Strong Remote User Authentication Scheme using Smart Cards

11:30 - 11:50

Coffee Break

11:50 - 13:20

Track 3 B : Network Architectures and Management

Chair : Woldemar Fuhrmann

Frank Weber, Woldemar Fuhrmann, Ulrich Trick, Udo Bleimann, Bogdan Ghita

A Bootstrap Mechanism for NGN QoS Profiling

Thomas Eichelmann, Woldemar Fuhrmann, Ulrich Trick, Bogdan Ghita

Enhanced Concept of the TeamCom SCE for Automated Generated Services Based on JSLEE

Mohamed Arabi, Bogdan Ghita, Xingang Wang

Improving Fairness in Ad Hoc Networks through Collision Rate Control

11:50 - 13:20

Track 4 B : Workshop : The Pedagogy of eLearning : Emerging Issues

Workshop chairs : Udo Bleimann, Steve Wheeler

Udo Bleimann, Steve Wheeler

Workshop Introduction

all workshop participants

open discussion

Udo Bleimann, Steve Wheeler, Ingo Stengel, Oliver Schneider

Conclusions

13:20 - 14:20

Lunch

14:20 - 15:50

Track 3 C : Security and Privacy

Chair : Nathan Clarke

Carlos Javier Hernandez-Castro, Jonathan D. Stainton-Ellis, Arturo Ribagorda, Julio Cesar Hernandez-Castro

Shortcomings in CAPTCHA Design and Implementation: Captcha2, a Commercial Proposal

Matti Mantere, Kaarina Karppinen, Mika Rautila

The Effect of Pre-written Scripts on the Use of Simple Software Security Analysis Tools

Luigi Lo Iacono, Nils Gruschka

Password Visualization Beyond Password Masking

14:20 - 15:50

Track 4 C : Applications and Impacts

Chair : Paul Dowland

Ruslan Vladimirovich Sharapov, Ekaterina Viktorovna Sharapova

One Way to Detecting of Link Spam

Tomasz Muldner, Christopher Fry, Jan Krzysztof Miziotek, Tyler Corbin

Updates of Compressed Dynamic XML Documents

Normen Haas, Bernhard Humm, Ingo Stengel, Paul Walsh

Commoditisation as a Criterion for Semantic Service Provisioning

15:50 - 16:10

Coffee Break

16:10 - 17:40

Track 3 D : Software Development

Chair : Robert Loew

Marcus Zinn, Klaus Peter Fischer-Hellmann, Andrew D. Phippen

Finding Reusable Units of Modelling – an Ontology Approach

Hüseyin Yüksel, Johannes Reichardt, Chris Johnson

Towards a Complete and Minimal Basis for the Definition of Software Architecture Languages

Matthias Minich, Bettina Harriehausen-Mühlbauer, Christoph Wentzel

An Organizational Approach for Industrialized Systems Integration

16:10 - 17:40

Track 4 D : Workshop : Security vs. Usability ?

Workshop chairs : Harald Baier, Steven Furnell

Harald Baier, Steven Furnell

Workshop Introduction

all workshop participants

open discussion

Harald Baier, Steven Furnell

Conclusions

20:00

Social Event : Strahlenburg Schriesheim
(transfer by coach, leaving Heidelberg Neckarmünzplatz 19:00)

Room : Carl Bosch

Room : Fritz Haber

09:30 - 10:30

Keynote : Smart Next Generation Networks
Thomas Lentz, Development Director NGN, IBM

10:30 - 11:30

Track 5 A : Mobile and Wireless Networking

Chair : Michael Massoth

Sascha Roth

Enabling Push-based Mobile Web Services for Today's Cell Phone Provider Networks

Yue-Huei Huang, Yaw-Chung Chen

A Cross-Layer Media-Independent Handover Scheme in Heterogeneous WiMAX/WiFi Networks

10:30 - 11:30

Track 6 A : Network Architectures and Management

Chair : Klaus-Peter Fischer-Hellmann

Chee Kheong Siew, Shuai Peng, Wuqiong Luo, Peng Tang, Yanting Mo
Scalable Distributed-FDPS Algorithm for QoS Provisioning

Isara Anantavrasilp

Adaptive IP Traffic / Flow Classification System

11:30 - 11:50

Coffee Break

11:50 - 13:20

Track 5 B : Workshop : Next Generation Networks – Next Revenues ?

Workshop chairs : Bogdan Ghita, Ulrich Trick

Bogdan Ghita, Ulrich Trick
Workshop Introduction

all workshop participants
open discussion

Bogdan Ghita, Ulrich Trick
Conclusions

11:50 - 13:20

Track 6 B : Applications and Impacts

Chair : Bernhard Humm

Benjamin Heckmann, Andrew D. Phippen
Quantitative and Qualitative Description of the Consumer to Provider Relation in the Context of Utility Computing

Felix Rimbach, Udo Bleimann, Steven Furnell
Psycho-Analytical Considerations in Internet Marketing – Focusing on Human Needs and Personal Trust

Roland Böving, Udo Bleimann, Christoph Wentzel, Paul Walsh
High Level Semantic Networking – Using K-infinity to Build a Multi-Ontological Learning Environment

13:20 - 14:20

Lunch

14:20 - 15:50

Track 5 C : Security and Privacy / Network Architectures and Management

Chair : Ingo Stengel

Christopher Bolan

Using the Generation One EPC RFID LockID Command as a Method of Directed Attack

Oleksiy Mazhelis, Hannakaisa Isomäki
Information Security Culture: A Survey

Michael Atighetchi, Partha Pal, Andrew Gronosky, Joseph Loyall
Usable Survivability

Johannes Häußler, Anett Schülke, Marcus Q. Kuhn, Jochen Bauknecht
Possible Future Revenue Creation Through IMS Service Enablers

14:20 - 15:50

Track 6 C : Applications and Impacts

Chair : Frank Ball

Muhammad Shoaib Iqbal Ansari, Thomas Schumann
Case Study on DiaHDL: A Web-based Electronic Design Automation Tool for Education Purpose

Karin Kronawitter, Christoph Wentzel, Maria Papadaki
ITO Success Factor Model – First Steps Towards a Guide for IT Outsourcing (ITO) Success

Ralf Friedrich, Udo Bleimann, Ingo Stengel, Paul Walsh
Towards a New Role Model in Virtual Teams: The Effects of "Elective Leadership"

Vilho Räsänen
Semantic Integration in Telecommunications

15:50 - 16:10

Closing

Future conferences
Best Papers Awards