Conference Agenda

Overview and details of the sessions of this conference. Please select a date or room to show only sessions at that day or location. Please select a single session for detailed view (with abstracts and downloads if available).

Session Overview

Date: Wednesday, 02/Apr/2014

9:00am  Registration

3:00pm

10:00am Workshop 1

1:00pm Workshop: Using Evaluation to Support Findings for Innovations in Engineering Education
Froyd, Jeffrey E; Lord, Susan M

1:00pm Lunch Break

2:00pm Workshop 2

2:00pm Workshop 3

5:00pm MATLAB® & Simulink® with Raspberry Pi® - A hands-on workshop on hardware support for project based learning
Tarchini, Alex

Date: Thursday, 03/Apr/2014

8:30am Registration

6:00pm

9:00am Opening Ceremony

9:30am Keynote Session I

Chair: Okyay Kaynak, Bogazici University

The Massive Course Meets the Personal Learner
Downes, Stephen

Re-conceptualizing Teaching and Learning in a New Educational Context
DeBoer, Jennifer

11:00am Coffee Break

11:30am 1A: Educational Methods and Learning Mechanisms in Engineering Education (Full Papers)
Chair: Manuel Castro, UNED

Structure of face-to-face teaching sessions for an undergraduate technology-centered computing course: establishing a set of best practices

1B: E-Assessment and New Assessment Theories (Full Papers)
Chair: Jörg Abke, University of Applied Sciences

Lightweight Ad Hoc Assessment of Practical Programming Skills at Scale
Staubitz, Thomas; Jan, Rene; Christian, Willems; Jasper, Johanne; Meinel, Christof

1C: Innovative Materials, Teaching and Learning Experiences (Short Papers)
Chair: Dominik May, TU Dortmund University

Adapting Teaching Strategies to Global and Analytic Learning Styles by Real World Engineering Projects
Daneti, Marlene

1D: Attracting and Retaining Practices in Engineering Education (Short Papers)
Chair: Russ Meier, IEEE Education Society Vice President of Conferences

Use of cutting edge educational tools for an initial programming course
Giordano, Daniela; Maiorana, Francesco

1E: Work in Progress Papers
Chair: Christos Douligeris, University of Piraeus Research Center

Designing Robotic Avatars in Second Life - A Tool to Complement Robotics Education
Buiu, Catalin; Gansari, Mihai

Educational Robotics

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<td>2:00pm</td>
<td>2A: Infrastructure and Technologies for Engineering Education (Full Papers)</td>
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<td>Chair: Anna Friesel, Technical University of Denmark</td>
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<td>2:30pm</td>
<td>2B: E-Assessment of Knowledge and New Assessment Theories (Full Papers)</td>
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<td>Chair: Carlos Delgado Kloos, Universidad Carlos Il de Madrid</td>
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<td>3:00pm</td>
<td>2C: Graduate Curricula and Programs (Full Papers)</td>
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<td>Chair: Dale Carnegie, Victoria University of Wellington</td>
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<td>3:30pm</td>
<td>Handling Re-grading of Automatically Graded Assignments in MOOCs</td>
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<td>Renz, Jan; Staubitz, Thomas; Willems, Christian; Klement, Hauke; Meinel, Christoph</td>
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<td>3:45pm</td>
<td>Effecting Major Changes to a First Year Engineering Programme</td>
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<td>Carnegie, Dale; Browne, Will</td>
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<td>4:00pm</td>
<td>Integrating Practical CISCO CCNA Courses in the Computer Networks’ Curriculum</td>
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<td>Ristov, Saso; Gusev, Marjan; Ristov, Saso; Bogdanova, Ana Mardeaiva</td>
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<td>4:15pm</td>
<td>Intelligent Student Profiling for Predicting e-Assessment Outcomes</td>
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<td>Simjanoska, Monika; Gusev, Marjan; Ristov, Saso; Bogdanova, Ana Mardeaiva</td>
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<td>4:30pm</td>
<td>Undergraduate Research Experience</td>
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<td>Self-Assessment of Freshmen Students’ Base Competencies</td>
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<td>Zehtemeier, Daniela; Kuhmann, Marco; Böttcher, Axel; Schlierkamp, Kathrin; Turner, Veronika</td>
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<td>Competence Component of the Project-Oriented Training of Elite Engineering Specialists</td>
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<td>Mozgaleva, Polina; Zamyatina, Oxana</td>
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<td>5:15pm</td>
<td>A web platform for the assessment of competences in Mobile Learning contexts</td>
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<td>Rayon, Alex; Guenaga, Mariluz; Núñez, Asier</td>
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<td>5:30pm</td>
<td>Designing Proficient Academic Science Education for the Gifted Youth</td>
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<td>Pyetan, Erz; Oni-Grinberg, Adar; Nevo; Uri; Shofty, Shira; Yankeiwicz, Shimon</td>
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<td>5:45pm</td>
<td>Improving the Computing Program Accreditation at Post Soviet Union University</td>
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IEEE Education Society Standard Committee Meeting

3:00pm Coffee Break

4:00pm 3A: Active Learning and new Learning Models (Full Papers)
Chair: James Wolfer, Indiana University South Bend
Synergetic model of content evolution in educational programs for IT industry
Shukhman, Alexander E; Belonovskaya, Isabella D.
Teambuilding competence and academic motivation in computer science engineering studies
Pérez Martinez, Jorge Enrique; García Martin, Javier; Sierra Alonso, Almudena
Postcards from the near Future: Towards

3B: Lifelong Learning (Full Papers)
Chair: Axel C.H. Böttcher, University of Applied Sciences Munich
Design of the Monitoring System of a Learning Organizer
Manso-Vázquez, Mario; Llamas-Nistal, Martin
Using E-Journal to Improve Self-Regulated Learning in Introductory Computer programming course.
Akhazi, Saleh M.
Distance Training of Computer-based Measurements and Instrument Control
Gercic, Bojan

3C: Learning Analytics and Assessment in Serious Games (Special Session)
Chair: Francesco Bellotti, University of Genoa
Applying learning analytics to simplify serious games deployment in the classroom
Serrano-Laguna, Ángel; Fernández-Manjón, Baltasar
The Impact of Pedagogical Agents in 3D Collaborative Serious Games
Terzidou, Theodouli; Tsatsos, Thrasyvoulos G.
Use computer game to teach Object-Oriented

Program in Qatar
Baig, Saira Dawer; Alhazbi, Saleh M.; Wang, Jiajia; Chang, Victor W.; Kuang, Yinghui; Tang, Yongming
SUPER - Sustainable Perception Index for Sustainable Development regarding gender and diversity aspects
Krause-Steger, Sandra; Roski, Melanie

3D: Learning Systems Platforms and Architectures (Short Papers)
Chair: Ian Groot, University of Limerick
Approaches for Competencies Assessment in Open Source e-Learning Environments
Kostadinova, Hristina; Raykova, Mariana; Tuparov, Georgi; Tuparov, Daniela Ivanova
A Human-like Embodied Agent Learning Tour Guide for E-Learning Systems
Hasegawa, Dai; Uguiri, Yuichi; Sakuta, Hiroshi
Towards Electronic

Software Engineering in a Nutshell for Electrical Engineers
von Schwerin, Marianne
A New Hardware-in-the-Loop Simulator for Control Engineering Education
Usenmez, Serdar; Yaman, Ulus; Dolen, Melik; Koku, A. Bugra
Looking for sustainable software for education in developing countries
Munoz-Hernandez, Susana

The Effectiveness of the Junior Companies in the Vision of Engineering Students of a Brazilian University
Maria Bogo, Adelaine; Christian Schmitt, Alan; Henning, Elisa; Gehlen de Marco, Rodrigo

Engineering students and graduates on the labor market: FIM UHK case study
Poulova, Petra; Simonova, Ivana

Engineering Education in China
Lord, Susan M.; Wang, Jiajia; Chang, Victor W.; Kuang, Yinghui; Tang, Yongming

3E: Software Development for Education (Special Session)
Chair: Bogdan-Alexandru Deaky, Bluemind Software / Transilvania University of Brasov
Using LabVIEW for building laboratory server: pros and cons, design patterns, software architecturing and common pitfalls
Titov, Igor

Learning Analytics on federated remote laboratories: tips and techniques
Orduña, Pablo; Almeida, Altor; López-de-Ipiña, Diego; García-Zubía, Javier

E-Assessment with Interactive Images
Gusev, Marjan; Ristov, Saska; Armenski, Goci; Gusev, Panos; Velkoski, Goran
Standard Setting in Students Assessment of Higher Education Institution in Malaysia
Khatimin, Nuraini; Abd Aziz, Azrilah; Zaharim, Antonio

The Role of Industrial/Academia Liaisons in the Consecution of Integral Curricula in Engineering
Falcone, Francisco; Alejos, Ana; Milagros, Maria Pilar; Sanchis, Pablo; Lopez-Martin, Antonio
The Gamification of Dynamic Spectrum Access and Cognitive Radio
Sutton, Paul; Doyle, Linda

Customized work based learning support system for less academically prepared adults in online environment
Jakobsone, Andra; Matejek, Jiří; Cakula, Sarma
Heterogeneous Ability-Centered Team Building to Aid Enquiry Based Learning in Engineering Classroom
Shakir, Muhammad Zeeshan; Baig, Saira Dawer; Imran, Muhammad Ali; Hussein, Syed Imtiaz; Abbasi, Qammer Hussein; Qaraqe, Khalid A.
Communicating Communications
Foley, Jessica; Doyle, Linda; McGettrick, Séamas

Assessment of Flipped Classroom Model in a Calculus II Course
Kadry, Seifedine

A graphical approach for comparing qualifications
Gatteschi, Valentina; Lamberti, Fabrizio; Demartini, Claudio

Using the iPad as a Pedagogical Tool to Enhance the Learning Experience for Novice Programming Students
Amer, Hoda; Ibrahim, Walid

Programming in computer science course
Wong, Yoke Seng; Mohamad Yatim, Maizatul Hayati; Tan, Wee Hoe

Requirements on learning analytics for facilitated and non-facilitated games
Baarsrud Hauge, Jannicke Madeleine; Bellotti, Francesco; Kalverkamp, Matthias; Berta, Riccardo; de Gloria, Alessandro; Barabino, Giulio

Exams in Undergraduate Engineering
Richter, Thomas; Boehringer, David

Student Interactions with E-Learning Systems: User and Topic Analysis
Ugurlu, Yucel; Hasegawa, Dai; Sakuta, Hiroshi

Dynamical Evaluation Of Academic Performance In E-learning Systems Using Neural Networks Modeling (Time Response Approach)
Mustafa, Hassan M. H.

Date: Friday, 04/Apr/2014

8:30am - 5:00pm
Registration

9:00am - 10:30am
4A: Learning Systems Platforms and Architectures (Full Papers)
Chair: David Boehringer, Universität Stuttgart

4B: Laboratory Experiences: on-site and remote environments (Full Papers)
Chair: Maria Teresa Restivo, Universidade Porto

eCampus as a Platform for Ubiquitous Learning
Lapuh Bele, Julija; Debevc, Matjaž

CampusConnect: An Open-Source Initiative to Connect Learning Management Systems
Boehringer, David; Bernlöhr, Heiko

Interactive Tools for Teaching Electrical Engineering
Vollrath, Joerg

A Notification Manager to support collaborative learning in LMS Moodle
Echeverría, Leovy; Cobos, Ruth; Morales, Mario

4C: Infrastructure and Technologies for Engineering Education (Full Papers)
Chair: Igor Titov, Bauman Moscow State Technical University (BMSTU)

Authoring Learning Designs: The Expressiveness of IMS LD and Collaboration Supports
Nurjanah, Dade

A review of webapp authoring tools for e-learning
Latorre, Miguel; Robles-Gómez, Antonio; Rodríguez, Luis; Orduña, Pablo; San Cristóbal, Elio; Caminero, Agustín C.; Tobarra, Llanos; Lequerica, Irene; Ros, Salvador; Hernández...

From manuals towards product embedded interactive learning environments
Puchleitner, Thomas; Petrovic, Otto

Developing Moodle Plugin for Creating Learning Content with Another REST Function Call
Kausar, Irwan Alnarus; Kubota, Shin-ichi; Musashi, Yasuo; Suaitani.

4D: Innovative Materials, Teaching and Learning Experiences (Short Papers)
Chair: Dale Carnegie, Victoria University of Wellington

4E: About MOOCs, SPOCs, and other OCs (Special Session)
Chair: Carlos Delgado Kloos, Universidad Carlos III de Madrid

Experiences of Running MOOCs and SPOCs at UC3M
Delgado Kloos, Carlos; Muñoz-Merino, Pedro J.; Muñoz-Organero, Mario; Alario-Hoyos, Carlos; Pérez-Sanagustin, Mar; Parada G., Hugo A.; Ruizpérez, José A.; Sanz, Juan Luis

Serious Games as edX MOOC Activities
Freire, Manuel; del Blanco, Ángel; Fernandez-Manjon, Baltasar

Free/Open Source Software Projects as early MOOCs
Rosés, Gregorio; Plaza-Garcés, Hugo; González-Barahona, Jesús M.

Towards a Collaborative Pedagogical Model in MOOCs
Claro, Ivo; Echeverría, Leovy; Garmendia, Antonio; Cobos, Ruth

A Practice-based...
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<td>Keynote Session II</td>
<td>Michael Auer, Carinthia Tech Institute</td>
<td>Connecting the dots: MATLAB® and Simulink® help engineering education to take advantage of new teaching agents</td>
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<td>12:00pm</td>
<td>Coffee Break</td>
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<td>12:30pm</td>
<td>Industry 4.0 &amp; Education 4.0</td>
<td>Langmann, Reinhard</td>
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<td>12:30pm</td>
<td>5A: Learning Systems Platforms and Architectures (Full Papers)</td>
<td>Marco Winzker, Hochschule Bonn-Rhein-Sieg</td>
<td>Quality despite quantity – teaching large classes in C programming and fundamentals in computer science</td>
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<td>12:30pm</td>
<td>5B: Online Laboratories and Architectures (Full Papers)</td>
<td>Danilo Zutin, CUAS</td>
<td>Antiplagiarism is educational remote laboratories done right: technological, educational and psychological implications</td>
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<td>12:30pm</td>
<td>5C: Attracting, Engaging and Retaining Human Talent (Short Papers)</td>
<td>Sebastian Gross, The MathWorks GmbH</td>
<td>To Design an Interactive Learning System for Child by integrating Blocks with Kinect</td>
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<td>12:30pm</td>
<td>5D: Work in Progress Papers</td>
<td>José Couto, Universidade do Porto - Faculdade de Engenharia</td>
<td>Just-In-Time Teaching in Software Engineering: A Chinese-German Empirical Case Study</td>
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<td>12:30pm</td>
<td>5E: Technical Didactics Software Engineering</td>
<td>Juergen Mottok, Regensburg University of Applied Sciences</td>
<td>Identifying Base Competencies as Prerequisites for Software Engineering Education</td>
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<td>12:30pm</td>
<td>Cloud E-learning and Benchmarking Platform for the Parallel and</td>
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<td>12:30pm</td>
<td>Distributed Computing Course</td>
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<td>12:30pm</td>
<td>RRD in Electronic Engineering Education</td>
<td>Grous, Jan; César Rodrigues da Silva, Alexandre</td>
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<td>RRD in Electronic Engineering Education</td>
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**Links**

- [Conftool](https://www.conftool.com/educon/sessions.php)
- [OCW framework](https://www.conftool.com/educon/sessions.php)

**Topics Covered**

- Educational remote laboratories
- Attracting, Engaging and Retaining Students in Engineering Programs – A Case Study
- Just-In-Time Teaching in Software Engineering
- Preparing for cultural differences in all settings
- Controlling Quad-Copters – A Project-Based Approach in the Teaching of Application Design
- Integrating Enquiry-based Learning Pedagogies and Remote Access
- Landscapes focused on factory context to stimulate interdisciplinary dialogue
- MOOC for Learning Electronics
- Supporting openness of MOOCs content through an OER and OCW framework based on Linked Data technology
2:00pm - Lunch Break
3:00pm - 4:30pm

6A: Educational Methods and Learning Mechanisms (Full Papers)
Chair: Mohamed Tawfik, UNED

Student perceptions and attitudes towards the Software Factory as a learning environment
Ahmad, Muhammad Ovais; Luikunen, Kari; Markkula, Jouni

Fostering computational thinking in engineering education - challenges, examples, and good practices
Gross, Sebastian; Mohtadi, Coorous; Kim, Mischa; Schlosser, Joachim; Lucht, Dan; Schneider, Dorian

The Role of Teaching Decision Analysis for Sustainability in Engineering Schools
João, Isabel M.; Quadrado, José C.

Fostering INNOVATION IN ENGINEERING UNDERGRADUATE COURSES IN BRAZIL
Valadares, Eduardo de Campos; e Silva Junior, Leonardo Jose

Engineering
Depieri, Adriana
Anunciation, Lopes, Roseli de Deus

Summative EEG Alpha classification relates Learning Style and Openness
Abdul Rashid, Nazre
bin Taib, Mohd. Nasir bin; Hj. Murat, Zunairah binti; S. Abd. Kadir, Ros Shilawani binti; Sulaiman, Norizam bin; Lis, Sahrim bin

from two participatory projects
Bergner, Thomas; Hofstätter, Birgit; Thaler, Anita; Freitag, Daniela

Heckner, Markus; Raab, Felix; Wolf, Christian

2014年3月4日
https://www.conftool.com/educon/sessions.php

2014年3月17日
EDUCON 2014 - ConflTool Pro - BrowseSessions
4:30pm - Coffee Break

5:00pm - 6:30pm

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<td>Accreditation Issues, Degree Programs and Curricula (Full Papers)</td>
<td>Technical University of Denmark</td>
<td>Anna Friesel</td>
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<td>A Model for on-line education of ABET-required professional aspects of engineering</td>
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<td>Barakat, Nael; Plouff, Christopher</td>
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<td>A Framework for Designing a Market-Oriented Curriculum for the Degree of Information System Engineering</td>
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<td>Alkazemi, Basem Yousef</td>
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<td>A Retrospective Course Survey of Graduates to Analyse Competencies in Software Engineering</td>
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<td>Educational Policies in European Engineering</td>
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<td>Higher Education System - Implementation of a survey</td>
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<td>Sebastian Gross</td>
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<td>Using App Inventor and LEGO mindstorm NXT in a Summer Camp to attract High School Girls to</td>
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<td>Computing Fields Al-Khalifa, Hend; Al-Humoud, Sarah; Al-Razgan, Muna; Alfaries, Ahoud</td>
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<td>Pirus: A File Storage Service in Cloud Computing for Educational Use</td>
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<td>An Enhanced Bayesian Evaluation Framework for Doctoral Education</td>
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<td>Maria del Carmen</td>
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<td>IEEE Direct to Student Program (D2S) : Changing dynamics between education and innovation</td>
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<td>Inclusion of teaching on self-awareness, diversity and reflection to support an engineering</td>
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<td>curriculum augmented with problem and scenario-based learning: A work in progress</td>
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<td>Tilley, Emmanuela; Peters, Jan; Mitchell, John</td>
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<td>Stakeholders-oriented Quality of Education Assurance System for successful institutional</td>
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<td>Moscinska, Katarzyna</td>
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<td>ALLES ING! Count me in! Attracting human talents in providing open access to universities with</td>
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<td>focusing on individual opportunities in engineering sciences</td>
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<td>Janssen, Theresa; Zeuch, Mark; Petermann, Marcus; Klizer, Andreas</td>
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<td>Unified, Multiple Target, Computer Engineering Learning Platform</td>
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<td>Žagar, Martin; Frid, Nikolova; Knezović, Josip; Hofman, Daniel; Kovač, Mario; Sruk, Vlado;</td>
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<td>Milanarić, Hrvoje</td>
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7E: IT’s and Engineering Pedagogy (ITEP’14) Chair: Radojka Krneta, University of Kragujevac, Faculty of Technical Sciences Chair: José Couto Marques, Universidade do Porto - Faculdade de Engenharia

An Enhanced Bayesian Network Model for Prediction of Students’ Academic Performance in Engineering Programs

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<td>Sharabiani, Ashkan;</td>
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<td>Sharabiani, Anooshiravan; Karim, Fazle; Anasov, Mariya; Darabi, Houshang</td>
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Transition in Student Motivation during a Scratch and an App Inventor course (Work in Progress)

Nikou, Stavros; Economides, Anastasios

Volition-driven Adaption - Following the individual Goals of Engineers in E-Learning Programs

Heimbuch, Alexander; Saul, Christian; Lucht, Martina

Augmented Reality to Improve STEM Motivation

Restivo, Maria Teresa; Chouzai, Fatima; Rodrigues, José; Menezes, Paulo; Lopes, J. Bernardino

Using the ChipKIT to apply a novel concept for configuring embedded online labs

Deaky, Bogdan-Alexander; Parv, Luminita; Faustino Andrade, Tiago

Development of Information System for Students’ Project Activity Management

Gulyaeva, Kseniya
8:00pm  Conference Dinner
-  11:00pm

Date: Saturday, 05/Apr/2014

8:30am  Registration
-  3:00pm
9:00am  -  10:30am
8A: Innovative Materials, Teaching and Learning Experiences in Engineering Education (Full Papers)
Chair: Jörg Abke, University of Applied Sciences

Computer Simulation at School: Scratch and Programming Language Choosing Criteria
Dienjer, Vadim O.

Maintaining Quality of Software Engineering Education by a Shared Repository of Course Materials in a Multilateral Setting
Buthe, Klaus; Budimac, Zoran; Putnik, Zoran; Ivanovic, Mirjana; Cilo, Betim; Stoyanov, Stanimir; Zdravkova, Katerina; Stoyanova-Doycova, Asya; Jakimovski, Boro; Jurca...

8B: Teaching and Learning Experiences in Engineering Education (Full Papers)
Chair: Tiia Rüütmann, Tallinn University of Technology

Capstone Design Projects in the Environment of Weak Industry-Academia Interaction
Al-Bahi, Ali M.; Taha, Mahmoud A.; Turkmen, Nedin

3D Visualization to Aid Educational Engineering: A Case Study to Visualize the Impact of Wireless Signals on Human Brain
Nasir, Adnan; Sheharyar, Ali; Shakir, Muhammad Zeeshan; Garage, Khalid; Bouhali, Othmane

Modelling potential foreign applicant flow: Case of Vidzeme University of Applied Sciences
Nilanders, Karlis; Cakula, Sarma

The insertion on the labor world: From Theory to Praxis.
Goicoechea Castaño, Ilizar; Patiño Cambeiro, Faustino; Fenollera Bolibar, Maria; Patiño Barbeito, Faustino; Rodriguez Rodriguez, Francisco

8C: Infrastructure and Technologies for Engineering Education (Full Papers)
Chair: Igor Titov, Bauman Moscow State Technical University (BMSTU)

A Course for Teaching Integrated System Design to Computer Engineering Students
Zualkernan, Imran

Payload Development and Launch of a Stratosphere Balloon Mission
Altmann, Andreas; Birkner, Wolfgang; Häckl, Franz Xavier; Hanner, Christopher; Liebhart, Peter; Metsch, Samuel; Weck, Florian; Farmbauer, Michael; Heiß, Manfred; Cuno...

Software Engineering Body of Skills (SWEBOS)
Sedelmaier, Yvonne; Landes, Dieter

Motivating Computer Science Students by Facilitating Interdisciplinary Educational Activities
Mavridis, Apostolos; Tsiatos, Thrasyvoulos G.

8D: Work in Progress Papers
Chair: Marco Winzker, Hochschule Bonn-Rhein-Sieg

Are there competences every computer scientist should have?
Bröker, Kathrin; Magenheim, Johannes

Using Videoanalysis to Evaluate Pedagogical Content Knowledge of Computer Science Students
Margaritis, Melanie; Hubwieser, Peter; Magenheim, Johannes

Teaching “Design First” interleaved with Object Oriented Programming in a Software Engineering course
Giordano, Daniela; Maiorana, Francesco

Preparatory Mathematics Course for Non-Traditional Engineering Students
Kählerer, Nina; Böhmer, Cornelia; Tschirpke, Katrin; Beck-Meuth, Eva Maria

A web based tool for teaching hardware design based on the plain simple hardware description language
Becker, Karsten

8E: The Laboratory in Modern Engineering Education (Special Session)
Chair: Claudius Terkowsky, TU Dortmund University

Bringing The Inquiring Mind Back Into The Labs - A Conceptual Framework to Foster the Creative Attitude in Higher Engineering Education
Terkowsky, Claudius; Haetel, Tobias; Bielski, Emanuel; May, Dominik

Evaluation of Student Performance in Laboratory Applications using Fuzzy Decision Support System Model
vdlz. zehra; baba, feviz

Remote Laboratory for Education in Automation Engineering
Smaic, Hasan

Can you learn better or worse when you are immersed? The effects of immersive user interfaces on learning in virtual environments
Schuster, Katharina; Bach, Ursula; Richert, Anja; Jeschke, Sabina

10:30am  Keynote Session III
Chair: Martin Llamas-Nistal, University of Vigo

The Vision for the Next Decade for the Engineering Education in Japan
Komeda, Takashi

Presentation about EDUCON 2015 Conference
Rüütmann, Tiia

https://www.conftool.com/educon/sessions.php
9A: Computer and Web based Software Engineering Education (Full Papers)
Chair: Miloslava Cerna, University of Hradec Králové
Study Materials in Online Courses. Analysis reflecting individual learning styles
Simonova, Ivana; Poulova, Petra
A tool for evaluating social media enhanced learning environment
Silius, Kirsi; Tervakari, Anne-Maritta; Pirttilä, Olli; Paukkeri, Jukka; Mäkelä, Teemu
An Experiment to Introduce an Animated Intelligent Tutor in an Engineering Thermodynamics Course
Lykke, Marianne; Coto, Mayela; Mora, Sonia; Vandel, Niels; Jantzen, Christian

9B: Educational Methods and Learning Mechanisms (Full Papers)
Chair: Maria Teresa Restivo, Universidade Porto
Engaging high school students in an engineering thermodynamics project
Peciadó Babb, A Paulino; Saar, Candace; Sharon, Friesen; Brandon, Jim

9C: Competencies, Individual Differences, Intervention and Development (Full Papers)
Chair: German Arturo Urrego-Giraldo, UNIVERSIDAD DE ANTOQUIA (COLOMBIA)
An Evaluation Framework based on Timed Automata for Malleable Learning Scenario
BenSassi, Manel; Laroussi, Mona
Web Accessibility Evaluation of Massive Open Online Courses on Geographical Information Systems
Ovalle, Diana Marcela; Combita, Luis Francisco
Teaching Basic Control Concepts with a Home-Made Thermal System
Ovalle, Diana Marcela; Combita, Luis Francisco
Teaching FPGA-based Systems
Skilarova, Louliia; Skilarov, Valery; Sudnitsson, Alexander; Krusu, Margus
The Improvement of Confidence Level of Students Learning Thermodynamics through a Multimedia courseware
Mulp, Normah; Mohd Yusof, Khairiyah; Tasir, Zaidatun

9D: Innovative Engineering Courses and Labs (Short Papers)
Chair: Bogdan-Alexandru Deaky, Bluemind Software / Transilvania University of Brașov
Lecture meets Laboratory - Experimental experiences for large audiences: concept and implementation
Temmen, Katrin; Wehebrink, Markus; Nofen, Barbara
Experiences with Deploying VISIR at Al-Quds University
Gustavo, Riberio Alves; Anabtawi, Gustav; Saar, Joseph; Mauran; Arekat, Mahmoud; Gustavsson, Ingvar
Integration of VISIR work in progress
Visser, Joost; Al-Khalaf, Mohammed; Kiraly, Mihai

9E: The Laboratory in Modern Engineering Education (Special Session)
Chair: Claudius Terkowsky, TU Dortmund University
Developing a Graduate Level Embedded System Programming Course Content by Using Blended Programming Methodologies: Text-Based and Graphical
Korkmaz, Hayriye; Azaklar Bal, Sezen; Cosgun, Ercan; Toker, Kenan
What should they learn? - A short comparison between different areas of competence and accreditation boards' criteria for engineering education
May, Dominik; Terkowsky, Claudius

Closing Ceremony and Awards Session

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