# ICWL 2012

## Preliminary Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sunday – September 2, 2012</strong></td>
<td></td>
</tr>
<tr>
<td>09.00 – 09.30</td>
<td>Registration</td>
</tr>
<tr>
<td>09.30 – 10.15</td>
<td>Opening ceremony</td>
</tr>
<tr>
<td>10.15 – 11.15</td>
<td>Keynote 1</td>
</tr>
<tr>
<td>11.15 – 11.45</td>
<td>Coffee break</td>
</tr>
<tr>
<td>11.45 – 13.00</td>
<td>Session 1a, Session 1b</td>
</tr>
<tr>
<td>13.00 – 14.30</td>
<td>Lunch</td>
</tr>
<tr>
<td>14.30 – 16.15</td>
<td>Session 2a, Workshop SCiLearn</td>
</tr>
<tr>
<td>16.15 – 16.45</td>
<td>Coffee break</td>
</tr>
<tr>
<td>16.45 – 18.00</td>
<td>Session 3a, Session 3b</td>
</tr>
<tr>
<td>19.00 – 22.00</td>
<td>Reception dinner</td>
</tr>
<tr>
<td><strong>Monday – September 3, 2012</strong></td>
<td></td>
</tr>
<tr>
<td>09.00 – 10.00</td>
<td>Keynote 2</td>
</tr>
<tr>
<td>10.00 – 11.15</td>
<td>Session 4a, Session 4b</td>
</tr>
<tr>
<td>11.15 – 11.35</td>
<td>Coffee break</td>
</tr>
<tr>
<td>11.35 – 13.10</td>
<td>Session 5a, Workshop KMEL 1</td>
</tr>
<tr>
<td>13.10 – 14.30</td>
<td>Lunch</td>
</tr>
<tr>
<td>14.30 – 16.10</td>
<td>Session 6a, Workshop KMEL 2</td>
</tr>
<tr>
<td>16.10 – 16.30</td>
<td>Coffee break</td>
</tr>
<tr>
<td>16.30 –</td>
<td>Departure for Bran Castle (optional tour 1),</td>
</tr>
<tr>
<td></td>
<td>followed by conference banquet</td>
</tr>
<tr>
<td><strong>Tuesday – September 4, 2012</strong></td>
<td></td>
</tr>
<tr>
<td>09.00 – 10.45</td>
<td>Session 7a, Workshop CCSTED 1</td>
</tr>
<tr>
<td>10.45 – 11.05</td>
<td>Coffee break</td>
</tr>
<tr>
<td>11.05 – 12.50</td>
<td>Session 8a, Workshop CCSTED 2 &amp; Panel</td>
</tr>
<tr>
<td>12.50 – 14.00</td>
<td>Lunch</td>
</tr>
<tr>
<td>14.00 – 14.30</td>
<td>Closing ceremony</td>
</tr>
<tr>
<td>14.30 –</td>
<td>Departure for Peles Castle (optional tour 2)</td>
</tr>
</tbody>
</table>
Notes

- Presentation time for keynote speeches will be 45 minutes plus 15 minutes for questions and discussion.
- Presentation time for full papers will be 20 minutes plus 5 minutes for questions.
- Presentation time for short papers will be 15 minutes plus 5 minutes for questions.
- Presentation time for workshop papers will be decided by the workshop organizers according to the available number of papers per workshop (recommended time: 15 minutes plus 5 minutes for questions)
- Conference rooms will be equipped with laptops and video projectors. Please bring your presentation in PDF format on a USB stick.
Keynote speech 1 – Sunday, September 2, 10.15 – 11.15
Title: From Transfer of Learning to Transfer Learning
Speaker: Qiang Yang

Keynote speech 2 – Monday, September 3, 09.00 – 10.00
Title: Informal Personalized eLearning across Open Content and Social Media Networks
Speaker: Vincent Wade

Session 1a - Sunday, September 2, 11.45 – 13.00
Title: Feedback and Assessment
- BlueFix: Using Crowd-Sourced Feedback to Support Programming Students in Error Diagnosis and Repair
  *Christopher Watson, Frederick W.B. Li, Jamie L. Godwin*
- Dealing with Open-Answer Questions in a Peer-Assessment Environment
  *Andrea Sterbini, Marco Temperini*
- Slide Test Maker: An Educational Software Tool for Test Composition
  *Salvatore Cuomo, Vittorio Fuccella, Aniello Murano*

Session 1b - Sunday, September 2, 11.45 – 13.00
Title: Learning Analytics
- Learning Analytics for Learning Blogospheres
  *Manh Cuong Pham, Michael Derntl, Yiwei Cao, Ralf Klamma*
- Towards an Integrated Approach for Evaluating Textual Complexity for Learning Purposes
  *Mihai Dascalu, Stefan Trausan-Matu, Philippe Dessus*
- How about Using the PCA to Analyze Changes in Learning Styles? (Short Paper)
  *Federico Scaccia, Carlo Giovannella*

Session 2a - Sunday, September 2, 14.30 – 16.15
Title: Personalized and Adaptive Learning
- AMASE: A Framework for Composing Adaptive and Personalized Learning Activities on the Web
  *Athanasiou Staikoupolou, Ian O'Keeffe, Rachael Rafter, Eddie Walsh, Bilal Yousef, Owen Conlan, Vincent Wade*
- Learning Activity Sharing and Individualized Recommendation Based on Dynamical Correlation Discovery (Short Paper)
  *Xiaokang Zhou, Jian Chen, Qun Jin, Timothy K. Shih*

- Designer - Supporting Teachers Experience in Learning Management Systems (Short Paper)
  *Silvia Baldiris, Sabine Graf, Jorge Hernandez, Ramon Fabregat, Nestor Duque*

- RECALL – Location Based Services for Excluded Communities (Short Paper)
  *Camelia Popescu, David Brown, Nick Shopland*

- Broadening the Use of E-learning Standards for Adaptive Learning (Short Paper)
  *Anna Mavroudi, Thanasis Hadzilacos*

**Session 3a - Sunday, September 2, 16.45 – 18.00**
Title: CSCL, Web 2.0 and Social Learning Environments 1
- An Approach to Exploit Social Bookmarking to Improve Formal Language Learning
  *Giuliana Dettori, Simone Torsani*

- How to Get Around with Wikis in Teaching
  *Zuzana Kubincová, Martin Homola*

- Wiki - A Useful Tool to Fight Classroom Cheating?
  *Zoran Putnik, Mirjana Ivanović, Zoran Budimac, Ladislav Samuelis*

**Session 3b - Sunday, September 2, 16.45 – 18.00**
Title: Deployment, Organization and Management of Learning Objects
- Slicepedia: Towards Long Tail Resource Production through Open Corpus Reuse
  *Killian Levacher, Seamus Lawless, Vincent Wade*

- Learning Path Construction based on Association Link Network
  *Fan Yang, Frederick Li, Rynson Lau*

- An Automated Analysis and Indexing Framework for Lecture Video Portal
  *Haojin Yang, Christoph Oehlke, Christoph Meinel*

**Session 4a - Monday, September 3, 10.00 – 11.15**
Title: Game-Based Learning
• Towards Universal Game Development in Education: Automatic and Semiautomatic Methodologies
  
  Javier Torrente, Ángel Del Blanco, Ángel Serrano-Laguna, Jose Angel Vallejo-Pinto, Pablo Moreno-Ger, Baltasar Fernandez-Manjon

• Towards Social Learning Games
  
  Elise Lavoué

• Computer Games and English Language Learning
  
  Sabina-Nadina Cehan, Dana-Anca Cehan

Session 4b - Monday, September 3, 10.00 – 11.15
Title: Semantic Web and Ontologies for E-learning

• Discovering Hierarchical Relationships in Educational Content
  
  Marián Šimko, Maria Bielikova

• An Evaluation Methodology for C-FOAM Applied to Web-based Learning
  
  Ioana Ciuciu, Yan Tang Demey

• Modelling the Knowledge Domain of the Java Programming Language as an Ontology (Short Paper)
  
  Aggeliki Kouneli, Georgia Solomou, Christos Pierrakeas, Achilles Kameas

Session 5a - Monday, September 3, 11.35 – 13.10
Title: CSCL, Web 2.0 and Social Learning Environments 2

• Annotation Tool for Enhancing E-Learning Courses
  
  Bernardo Pereira Nunes, Ricardo Kawase, Stefan Dietze, Gilda Helena Bernardino De Campos, Wolfgang Nejdl

• Project-Based Learning with eMUSE - An Experience Report
  
  Elvira Popescu

• Perceived Support in E-Collaborative Learning - An Exploratory Study Which Makes Use of Synchronous and Asynchronous Online-Teaching Approaches
  
  Stefanie A. Hillen, Tero Päivärinta

• Teaching Culture as Social Constructivism (Short paper)
  
  Cat Kutay, Deirdre Howard-Wagner, Lynette Riley, Janet Mooney

Session 6a - Monday, September 3, 14.30 – 16.10
Title: Personal Learning Environments

• From LMS to PLE: a Step Forward through OpenSocial Apps in Moodle
  
  Evgeny Bogdanov, Carsten Ullrich, Erik Isaksson, Matthias Palmer, Denis Gillet
- A Mashup Recommender for Creating Personal Learning Environments
  Alexander Nussbaumer, Marcel Berthold, Daniel Dahrendorf, Hans-Christian Schmitz, Milos Kravcik, Dietrich Albert
- A Federated Recommender System for Online Learning Environments
  Lei Zhou, Sandy El Helou, Laurent Moccozet, Laurent Opprecht, Omar Benkacem, Christophe Salzmann, Denis Gillet
- Trust and Security Issues in Cloud-Based Learning and Management
  Birgy Lorenz, Kätlin Kalde, Kaido Kikkas

**Session 7a - Tuesday, September 4, 09.00 – 10.45**

**Title:** Design, Model and Implementation of e-Learning Platforms and Tools
- Towards a Design Theory for Educational Online Information Security Laboratories
  Sarfraz Iqbal, Tero Päivärinta
- Pedagogy-driven Design of Digital Learning Ecosystems: the Case Study of Dippler
  Mart Laanpere, Kai Pata, Peeter Normak, Hans Põldoja
- The Use of Expert Systems in Building the Quality Model of a Web-based Learning Platform
  Traian-Lucian Militaru, George Suciu, Gyorgy Todoran
  Harald Wahl, Werner Winiwarter

**Session 8a - Tuesday, September 4, 11.05 – 12.50**

**Title:** Pedagogical Issues, Practice and Experience Sharing
- E-learning - The Bologna Process, the European Credit Transfer System (ECTS), Learning Outcomes and ReProTool
  Philippos Pouyioutas, Harald Gjermundrad, Ioanna Dionysiou
- The Implementation of the E-Learning Systems in Higher Education. Sharing the Work Experience from Petroleum-Gas University of Ploiesti (Short Paper)
  Gabriela Moise, Mihaela Suditu, Loredana Netedu
- Enhancing Online Class Student Engagement through Discussion - A Case Study on Modern Educational Technology (Short Paper)
  Fengfang Shu, Chengling Zhao, Liyong Wan
SCiLearn 2012
International Workshop on Learning within and from Smart Cities

Sunday, September 2, 14.30-16.15

- Scenarios for Active Learning in Smart Territories
  Carlo Giovannella, Andrea Iosue, Antonello Tancredi, Fabrizio Cicola, Andrea Camusi, Fabrizia Moggio, Vincenzo Baraniello, Simone Carcone, Silvio Coco

- Understanding Trajectories of Experience in Situated Learning Field Trips
  Ilaria Canova Calori, Chiara Rossitto, Monica Divitini

- Learning in the Smart City: a Virtual and Augmented Museum Devoted to Chaos Theory
  Francesca Bertacchini, Eleonora Bilotta, Manuela Carini, Lorella Gabriele, Giuseppe Laria, Pietro Pantano, Assunta Tavernise, Stefano Vena

- Contextual Mobile Learning for Professionals Working in the “Smart City”
  Bingxue Zhang, Bertrand David, Chuantao Yin, René Chalon, Yun Zhou
Monday, September 3

Session 1: 11.35 – 13.10

- A Web Content Accessibility Evaluation Process for Learning Objects in the Context of a Virtual Learning Environment
  Cecilia Avila Garzon, Silvia Margarita Baldiris Navarro, Ramon Fabregat, Juan Carlos Guevara
- Virtual Laboratory for the Study of Kinematics in Engineering Faculties
  Andrei Craifaleanu, Cristian Dragomirescu, Iolanda-Gabriela Craifaleanu
- Effect of Multiplayer Interactive Violent Video Games on Players’ Explicit and Implicit Aggression: A Social Interaction Perspective
  Chang Liu, Xuemin Zhang, Fawei Sun, Lang Lang Wang, Xinyuan Fu
- Quality Criteria for Open Courseware and Open Educational Resources
  Monica Vladoiu

Session 2: 14.30 – 16.10

- Developing Online Collaborative Games for e-Learning Environments
  Traian Anghel, Adrian Florea, Arpad Gellert, Delilah Florea
- Supporting Knowledge Transfer and Mentoring in Companies by E-Learning and Cloud Computing
  Ileana Hamburg, Marius Marian
- Wiki Tools in Teaching English for Specific (Academic) Purposes - Improving Students’ Participation
  Cristina Felea, Liana Stanca
- Ad-Hoc Business Process Management in ECM Systems
  Julia Stavenko, Alexander Gromov
Session 1: 09.00 – 10.45

Chairs: David Lamas - Tallinn University, Estonia
Margarida Romero - Fundació per a la Universitat Oberta de Catalunya, Spain

Welcome message: Gabriel Gorghiu - Valahia University Targoviste, Romania, Tommi Inkilä - University of Oulu, Finland

- Collaborative Processes in Virtual Learning Spaces - Does Structuring Make a Difference?
  Essi Vuopala, Sarah Eagle, Pirkko Hyvönen
- Supporting Collaborative Creativity with Educational Visualizations in 3D Virtual Worlds
  Mikhail Fominykh, Monica Divitini, Ekaterina Prasolova-Førland
- Towards Increasing Learners’ Creativity Based on a Fuzzy Collaborative Learning Model
  Gabriela Moise
- Creative Re-instrumentation of Collective Learning Activity
  Terje Väljataga, Sebastian Fiedler
- Towards Assessing Quality of Open Courseware
  Monica Vlădoiu
- The Development of a Scale to Assess Creative Collaboration via Online Tools
  Jocelyn Wishart, Sarah Eagle

Session 2: 11.05 – 12.05

Chairs: Gabriel Gorghiu - Valahia University Targoviste, Romania
Tommi Inkilä - University of Oulu, Finland

- Computer-Based Creative Collaboration in Online Learning
  Margarida Romero, Elena Barberà
- Trust as Leverage for Supporting Learning Creativity in On-line Learning Communities
Sonia Sousa, David Lamas, Kersti Toming
• Exploring Creativity with E-learning 2.0: a Personal Account
  Kersti Toming, David Lamas
• A Student Perception Related to the Implementation of Virtual Courses
  Andrei Chilian, Roxana Băncuţă, Cristina Băncuţă

Panel: 12.05 – 12.50
Technology in Support of Collaborative Learning - Challenges and Perspectives

The Workshop is organized with the support of European Commission, Education and Training, under LLP Transversal Programme KA3-ICT, through Project 511733-LLP-1-2010-1-FI-KA3-KA3MP: "CoCreat - Enabling Creative Collaboration through Supportive Technologies"