

## CALL FOR PAPERS



**“Growing by Architecting on top of our memories”**  
Rome, July 4-6, 2012



<http://www.scuolaiaed.it/ICALT2012/>

Deadline: **December 30th, 2011**

ICALT is an annual international conference on Advanced Learning Technologies and Technology-enhanced Learning organized by [IEEE Computer Society](#) and [IEEE Technical Committee on Learning Technology](#).



After its kick-off as IWALT in Palmerston North, New Zealand (2000), ICALT has been held in New Zealand (2000), Madison, USA (2001), Kazan, Russia (2002), Athens, Greece (2003), Joensuu, Finland (2004), Kaohsiung, Taiwan (2005), Kerkade, The Netherlands (2006), Niigata, Japan (2007), Santander, Spain (2008), Riga, Latvia (2009), Sousse, Tunisia (2010), Athens, Georgia, USA (2011).

The 12<sup>th</sup> IEEE International Conference on Advanced Learning Technologies (ICALT2012) will be held in Rome-Italy - Rome needn't to be described: is just Rome, since 2764 years ! - organized by the [IaD School of the University of Rome Tor Vergata](#) at the headquarters of the *National Council of Research (CNR)*.

The theme for ICALT 2012 is "*Growing by Architecting on top of our Memories*", with design inspired learning, fostering creativity and fun, complex educational experiences and their monitoring, ubiquitous learning and flexible environments as featured topics.

*Conference Proceedings* are published by the *IEEE Computer Society*.

Selected Papers will be considered for publication to:

- [Educational Technology and Society Journal](#), ISSN 1436-4522 [included in SSCI, Impact Factor: 1.066/2010 - Thomson Scientific 2010 Journal Citations Report]
- [IEEE Transactions on Learning Technologies](#) (TLT), IEEE [a joint publication of the IEEE Computer Society and the IEEE Education Society], ISSN 1939-1382, started January 2008
- [Interaction Design & Architecture\(s\) Journal](#) (IxD&A), ISSN 1826-9745

## TECHNICAL PROGRAM and TOPICS OF INTEREST

The technical program will feature keynote addresses, workshops, tutorials, panels, two new tracks - Industrial track and European project track - in addition to presentations of standard full and short papers, posters and doctoral consortium's contributions.

Topics of interest include but are not limited to:

- Learning Systems, Environments and Architectures
- Adaptive, Personalized and Context-aware Technology-Enhanced Learning & Education
- Virtual Worlds for Academic, Organizational, and Life-Long Learning & Education
- Ambient Intelligence and Smart/Flexible Environments for Learning & Education
- School of the Future and Future Classrooms
- Wireless, Mobile, Ubiquitous and Pervasive Technologies for Learning & Education
- Computer Supported Collaborative Learning & Education
- Social Computing for Learning and Knowledge Sharing
- Affective Computing for Learning & Education
- Design for the Experience, Interaction Design and HCI in Technology-enhanced Learning & Education
- Rethinking Pedagogy and Processes in Technology-enhanced Learning & Education
- Design Inspired learning: Theories, Methodologies & Tools
- e- Assessment, e-Evaluation and e-Monitoring: Theories, Methodologies & Tools
- Digital Game and Intelligent Toy Enhanced Learning & Education
- Fostering creativity in Technology-enhanced Learning & Education
- Motivation and engagement in Technology-enhanced Learning & Education
- Knowledge and Competencies Management
- Data Mining and Web Mining in Education
- Semantic Web and Ontologies for Learning and Educational Systems
- Open Content and Learning Technology Standards
- International Alliance for Open Source, Open Standards, and federated repositories
- Human-Centered Web Science and its Applications to Technology-enhanced Learning & Education
- Technology-enhanced Science Education
- Technology-Enhanced Language Learning
- Advanced Technology-enhanced Learning & Education for all
- E-learning in the Workplace
- Trust and reputation in Technology-enhanced Learning & Education
- Sustainability of Technology-enhanced Learning & Education
- Technology-enhanced Learning & Education in developing countries and disadvantaged areas

## IMPORTANT DATES

**December 30, 2011:** Submissions All types (Papers, Workshops, Panels and Tutorials, Doctoral consortium, Industrial track, European project track)

**February 1, 2011:** Authors' Notification on the review process results

**March 15, 2011:** Authors' Registration Deadline

**April 1, 2011:** Final Camera-Ready Manuscript and IEEE Copyright Form submission

**April 15, 2011:** Early Bird Registration

**July 4-6, 2011:** ICALT2012 Conference

## SUBMISSIONS

We invite submission of papers reporting original academic or industrial research in the area of Advanced Learning Technologies. All papers will be peer-reviewed. Complete papers are required to be reviewed. The expected types of submissions include:

Types of submissions are:

- **Full paper:** 5 pages
- **Short paper:** 3 pages
- **Posters:** 2 pages
- **Doctoral consortium paper:** 2 pages (first author must be a PhD student)
- **Tutorial proposals:** 2 pages (The tutorial proposal should clearly outline the novelty of the content, the expected audience, objectives, and outcomes. Each tutorial will be 3 hours.)
- **Panel proposals:** 2 pages (The panel proposal should clearly outline the theme, its significance, the expected audience, and have 5 or more panelists. Each panel will be one and a half hour. Panelists will have the possibility of submitting two-page papers for review and inclusion in the proceedings.)
- **Workshops:** 2 pages (The workshop proposal should clearly define workshop objectives, the expected audience, anticipated outcomes, and the names and short CVs of workshop proposers. Workshop leaders will have the possibility of submitting two-page papers for review and inclusion in the proceedings).
- **Industrial track paper:** 3 pages (The proposals for the industrial track should describe and discuss technologies ready to be transferred to the industrial context or to be exploited, or successful case histories of industrial development and or application)
- **European project track contribution:** 2 pages (The contribution to the European project track should describe the impact that outcomes of past and on-going European projects had or are expected to have in the next future on the technology enhanced education, or present a critical analysis of past and on-going experiences)

For additional information, contact the conference general co-chair, Carlo Giovannella at giovannella [at] scuolaiaad.it.

Please submit your manuscript using the ASK-Conference System at: <http://www.ask4research.info/conference/upload.php>. If you have any problems with the above web submission form, you can contact ICALT 2012 Technical Manager at: [icalt-operations@iti.gr](mailto:icalt-operations@iti.gr) (Subject: ICALT2012 Submission Enquiry) and the conference organizers will contact you for further assistance.

### Contacts

*For Academic queries, please contact: [Carlo Giovannella](#)*

*For Financial Information, please contact: [Valentina Della Morte](#)*

*For Technical Issues*

*- about ICALT Submission System, please contact: [Panagiotis Zervas](#)*

*- about ICALT 2012 Website, please contact: [Andrea Camusi](#)*

### CONFERENCE ORGANIZATION

#### **Organized by:**

Scuola IaD, University of Rome Tor Vergata, Rome, Italy

#### **Supported by:**

CNR

#### **Sponsored by:**

IEEE Computer Society and IEEE Technical Committee on Learning Technology

## **CONFERENCE COMMITTEES**

### **General Chairs**

- Carlo Giovannella, *Scuola IaD, University of Rome Tor Vergata, Italy*
- Demetrios G Sampson, *University of Piraeus & CERTH, Greece*
- Ignacio Aedo, *Universidad Carlos III de Madrid, Spain*

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- Aurelio Simone, *Scuola IaD, University of Rome Tor Vergata & SLeL, Italy*
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### **Workshops and Panels Chairs**

- Piercesare Rivoltella, *Catholic University Milan*
- Paloma Diaz, *Universidad Carlos III de Madrid, Spain*
- Alexandra Cristea, *University of Warwick, UK*

### **Tutorials Chairs**

- Pier Giuseppe Rossi, *University of Macerata*
- Mohamed Jemni, *University of Tunis, Tunisia*
- Ronghuai Huang, *Beijing Normal University*

### **Doctoral Consortium Chairs**

- Carbonaro Antonella, *University of Bologna*
- Sabine Graf, *Athabasca University, Canada*
- Charalampos Karagiannidis, *University of Thessaly, Greece*

### **Industrial Track Chairs**

- Fabrizio Cardinali, *eXact learning solutions, Italy and ELIG*
- Imran A. Zualkernan, *American University of Sharjah, United Arab Emirates*

### **European Projects Track Chairs**

- Saverio Salerno, *University of Salerno, Italy*
- Maggy Pezeril, *University of Montpellier, France*
- Jan Pawlowski, *University of Jyväskylä, Finland*

### **Local Steering Committee**

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- Maurizio Talamo, *University of Rome Tor Vergata (co-Chair)*

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- Panagiotis Zervas, *University of Piraeus & CERTH, Greece*