

**Issue 1 (2010) February**

In this issue you will find information on how to get involved in the pan-European awareness raising campaign 'European e-Skills Week 2010'. This campaign on e-Skills continues until the first week of March when it culminates in a week of activities and competitions. We bring you news of an EC report on the ever-widening e-skills gap, and reports from ENISA on electronic identity authentication and the continuing battle against spam.

Also in this issue, you'll find 'From the President', a special introduction from the newly elected CEPIS President, Vasile Baltac. Please note that the 44th CEPIS Council will be held on 10th April 2010 in Bucharest, Romania – kindly mark the date in your calendar. We will inform you about registration details during the coming weeks.

In addition you'll find a call for participation from the Honorary Secretary, Byron Nicolaidis, regarding the formation of a new Green ICT Task Force within CEPIS. You can also learn about ICS and CCS' planned e-Skills Week activities, and an event organised by ISIP, the Icelandic CEPIS member. Read about PTI-PIPS' involvement in a recent event in Poland together with ATI's and CEPIS' invitation to contribute to the 1st European Workshop on Computing and ICT Professionalism.

In this issue...

- [From the President](#)
- [News](#)
- [Member News](#)
- [Calls for Contributions](#)
- [Events](#)
- [Your Suggestions](#)

European e-Skills Week 2010

e-Skills Week will take place in 20 European countries during the first week of March 2010. It is an opportunity for CEPIS Member Societies to highlight the importance of e-Skills in their own countries.

[Read more](#)

e- Skills Gap Continues to Grow

The e-skills gap will continue to widen across Europe according to a recent European Commission report. By 2015 there could be an excess demand for 284,000 ICT professionals in Europe.

[Read more](#)

FROM THE PRESIDENT**➤ CEPIS President: A Time for Change**

CEPIS has celebrated 20 years of fruitful existence. It is our duty to keep it relevant for the next 20 years. ICT professionals have to face new challenges and CEPIS has to adapt itself to this very dynamic environment. Professionalism has new features in this dynamic

environment, while education issues for professionals and ICT users are also challenging. We notice the signs of what I call a "Second Generation Digital Divide", when complex digital competencies replace simple computer literacy.

The 20th anniversary was a moment for CEPIS to reflect on its own capability as an organisation. We all have to solve issues such as the need for an increase in membership, performance improvement, adoption of a new strategy, enhanced recognition, promotion of digital literacy and competences, better visibility, and increased cooperation with other European bodies. A new strategy was discussed at the President's meeting in November 2009 and this gave us ample areas of new activities.

CEPIS has challenging years ahead consequently it is a challenge for me to take up presidency in such a moment.

CEPIS President, Vasile Baltac

NEWS



➤ **European e-Skills Week: Opportunities in your country**

e-Skills Week is a pan-European awareness raising campaign to promote e-Skills to the general public, young people, ICT practitioners, enterprises (particularly SMEs) and policy makers.

The campaign will highlight opportunities available through ICT-related jobs and will encourage greater uptake of ICT studies and careers. This initiative of the European Commission will take place across more than 20 European countries and reach more than 300,000 people. It is an opportunity for CEPIS members and all organisations involved in ICT skills to highlight the importance of e-Skills for the future of your country and Europe.

The campaign has already begun and will continue until March 2010 when it culminates in a week of European-level activities. It is expected that hundreds of ICT-related activities will take place during the campaign including training events, competitions, IT camps, and conferences.

CEPIS is a pan-European stakeholder and would like to encourage all organisations involved in skills, both professional and end-user, to join the campaign. If you are interested in the initiative and would like to register [please click here](#).

We are delighted to announce that the following CEPIS members are already actively participating in this campaign while others are preparing their activities:

[Cyprus](#), [Greece](#), [Hungary](#), [Ireland](#), [Italy](#), [Latvia](#), [Lithuania](#), [Poland](#), [Romania](#), [Slovakia](#), [Sweden](#), [Serbia & Montenegro](#).

As an example of the activities planned by members, please click on the summaries below from the Cyprus Computer Society and the Irish Computer Society.

[e-Skills Week in Cyprus](#)
[e-Skills Week in Ireland](#)

[Click here](#) to find out what other organisations are participating in your country.



✦ **CEPIS Award for Young Women in ICT at e-Skills Week**

The closing event of e-Skills Week will feature European e-Skills competitions to encourage young people to engage in ICT careers. CEPIS is proud to sponsor the Digital Competence – Women award with an education grant to help facilitate the winner's further study in the field of ICT. This award will focus on 'the best of the best' i.e. candidates who have been recognised through national competitions in any European Member State.

CEPIS Member societies are invited to put [forward candidates for consideration](#) or to contact their [national contact points](#) for e-Skills Week. A European jury will select finalists to be invited to the e-Skills Week closing event on 5 March and will identify one winner and one runner-up for each category.

The 'Digital Competence – Women' category targets young women between 14 and 21 years of age who have shown successful involvement in the ICT sector and could act as role-models for their peers. In particular they should meet the following criteria:

- Academic excellence in some area related to ICT and e-Skills;
- Remarkable school performance in the field of ICT;
- Profile or undertaken actions that could serve as example for the involvement of young women in ICT.

Member societies are encouraged to put forward candidates in early February in order to leave time for travel arrangements.

Other award categories include: Bringing Innovation to Learning through e-Skills; Young Entrepreneurship and e-Skills; Digital Competence and Digital Expression.

[Click here for more information](#)



✦ **Social Computing Transforms Europe**

Currently 130 million people are involved in social computing and this figure is increasing. A recent report issued by the European Commission has highlighted the extensive influence of social computing on industry, citizens, identity, social inclusion, education, health and public governance and points to the potential effects on the post-i2010 agenda.

Broadband connections are increasing, and there is a growing need amongst consumers for new software tools and hardware devices. The report outlines recommendations for managing both the risks and the opportunities that social computing can bring to Europe. The digital divides that exist due to age, social class and education may further expand with the advancement of social computing technologies.

With so many social computing users and annual revenue in 2007 by social networking sites exceeding US\$3 billion, the report finds that EU policy makers need to take note of this growing phenomenon in order to ensure the future of innovation and knowledge within Europe.

[Click here to view the report](#)



✈ **ENISA report: Service Providers spend €1 million fighting spam**

ENISA have published a survey from 100 respondents in over 30 European countries, on how Internet service providers tackle spam in their networks.

The results show that 95% of all email is actually spam, and that small to large providers allocate between €10,000 and €1 million in battling spam on a yearly basis.

[Click here to view the survey](#)



✈ **e-Skills Gap Continues to Grow**

Building on the original e-Skills Foresights scenarios report by CEPIS, a recent report commissioned by DG Enterprise and Industry, presents the possible different outcomes that may occur over the next 5 years for e-skills supply and demand, and predicts that by 2015 there could be an excess demand for 384,000 ICT professionals in Europe.

Five different scenarios measured the possible impacts on the levels of e-skills supply and demand. The different variables included ICT innovation investment in the European economy and the attractiveness of ICT jobs and careers in general. In addition, the predicted number of ICT-related university graduates was taken into account.

Some of the five scenarios, 'Back to Normal', 'Turbo-Knowledge Economy', and 'Investing in the Future' show economic growth but there is still not enough supply to meet ICT-related demands. The scenario 'Stagnation' will see demand for ICT practitioners match supply, but with negative results for the economy and ICT innovation.

[Click here to view report](#)



✈ **Publication of latest UPGRADE issue**

The latest issue of UPGRADE is now available. The issue features a monograph entitled "Experiences and Advances in Software Quality" which brings together a collection of reflections and experiences from leading experts in the field of software quality. Topics such as the current situation regarding software quality, trends and areas that require improvement are discussed throughout.

The guest editors of this monograph are Darren Dalcher (Founder and Director of the National Centre for Project Management, United

Kingdom; Professor of Software Project Management at Middlesex University), and Luis Fernández-Sanz (Lecturer at Alcalá de Henares University; Founder and Co-editor of REICIS, Spanish Journal of Software Quality, Engineering and Innovation).

UPENET (UPGRADE European NETWORK) includes an article from the Italian digital journal Mondo Digitale, which presents insightful and extraordinarily well-documented views on the famous Turing test, an experiment proposed by the great British mathematician and logician Alan Mathison Turing aimed at determining whether a machine i.e. a computer can think.

[Click here to view the latest issue](#)



➤ **Successful EC Project Planning: FP7- Project Development Course 2010**

The FP7 Financial and Project Management Course will take place from 25-26 March 2010, in Budapest. This 2-day interactive training event will provide project managers, administrative and financial personnel with the necessary skills to successfully implement EU projects. The initial Project Development course is to take place on 22nd-23rd March.

[Click here for more info](#)



➤ **New CEPIS brochure now available in hard copy and for download**

The new CEPIS brochure is now available and each member society will receive 5 hard copies in the coming weeks. A digital version of the new CEPIS brochure is also available for download from the website and members are encouraged to use this in presenting CEPIS.

[Click here to download the brochure](#)



➤ **Privacy Protection Online is possible!**

ENISA recently published a report on the security of electronic ID cards for authentication, in relation to online banking, social networking sites and other web services.

ENISA presents an in-depth analysis of the risks, and threats involved when using electronic identity (eID) card authentication and notes the many different technologies that can be used with eID cards as a means of authentication. The associated risks are analysed using 13 Authentication Technologies and 7 Privacy Features. All risks were also classed on a 5-level scale, from low to high, and eID card authentication was seen as only low-medium in all scenarios.

eID cards are extremely secure and reliable according to ENISA. However to ensure universal use of this form of online privacy protection, Member States need to come together and define privacy requirements and organise standardisation to implement the use of eID cards.

[Click here to view the report](#)



➤ **EIT Launches first KICs for European Innovation**

The European Institute of Innovation and Technology (EIT) recently launched its first three Knowledge and Innovation Communities (KICs) to contribute to the development of innovation needed for a successful EU2020 strategy.

A KIC is a community of excellence gathering higher education institutions, research bodies and businesses to work together in learning and creating ideas. The KICs will focus on climate change, sustainable energy and the future of the information and communication society. Climate-KIC, KIC-InnoEnergy and EIT ICT Labs will be 'communities' of innovation and transformation across cities in the UK, Germany, Switzerland, France, the Benelux, Spain, Poland, Finland and Sweden.

The results of these 'innovation hotspots' are expected to transform Europe into a successful knowledge economy and society. The EIT hopes that the KICs will be fully generated by mid-2010.

[Click here for further information](#)



➤ **Teachers agree ICT is essential for a creative and innovative classroom**

Constantly creating innovative teaching methods is essential to improving the academic and professional futures of school children across Europe. The need to encourage creativity in the classroom by using ICT was a key outcome of a survey recently presented at the closing conference of the European Year of Creativity and Innovation in Stockholm. The survey was launched in collaboration with the European Commission, and European Schoolnet.

The overwhelming majority of teachers who were surveyed believed that creativity has a crucial role in learning, and that ICT can greatly influence and add to this idea in the classroom. However only 36% of teachers ever received training in ICT, the lowest figures occurred in Germany and Belgium.

Over 9400 people responded to this survey and the results have shown that there is a clear need to develop a pan-European educational policy in which ICT plays a more prominent role and that fosters innovation and creativity.

[Click here for more information](#)



✦ **Results from EU's Five-year long, multi-billion Euro ICT Strategy**

The European Commission recently published a report on the achievements of Information Society and Media policies which highlights the impacts of EC policy over the last five years and shows how these are intended to lead to developing a digital economy for all Europe in the future.

The report highlights 10 key achievements by the Information Society and Media over the last five years that have occurred through implementing the Barroso-led i2010 policies:

- 23% of the European population now has broadband access
- €1 billion was allocated for further broadband connections in rural areas
- €9 billion investment in ICT research
- Geant 2, the world's fastest research network, with the EC's support can now help to transform ICT innovation, by delivering high-speed PC power and data resources to 30 million academics and researchers worldwide.

The EU intends strategies to be the first steps to creating a knowledge and innovation-driven economy and society in Europe.

[Click here for more information](#)



✦ **e-Competence Framework Survey**

The [European e-Competence Framework \(e-CF\) version 1.0](#) was published in November 2008 by the European Committee for Standardisation (CEN). CEPIS played an active role in its development and chaired the original development meetings. It provides a pan-European neutral reference for ICT professional competences across all industry sectors. The e-Competence Framework development was part of the European Commission's e-skills strategy for the 21st century. ICT stakeholder feedback regarding practical use of the e-CF demonstrates that the framework has the potential to become a major European asset. Continuous improvement is an essential element of ensuring the e-CF maturity and relevance. The next e-CF version 2.0 is planned for publication in Autumn 2010.

The [e-CF stakeholder questionnaire](#) is now on-line and you are invited to contribute feedback and experience to enhance the latest version.

The survey is open until 7th February 2010.



✦ **CEPIS Newsletter Archive**

Missed an issue of the CEPIS Newsletter? All previous issues in 2009 are now available in the Members Area of the CEPIS website.

[Click Here to view the Archive.](#)

MEMBER NEWS



✦ **Conference: Seamless care – safe care The Challenges of Interoperability and Patient Safety in Health Care**

EFMI in cooperation with Fókus - the Icelandic Health Informatics Society and ISIP - the Icelandic Society of Information Processing will host a Special Topic Conference in Reykjavik, Iceland from 2-4th June 2010 entitled 'Seamless Care-Safe Care: The Challenges of Interoperability and Patient Safety in Health Care'.

The conference will explore the challenges facing the electronic exchange of health information, particularly interoperability of systems and its implication for patient safety and continuity of care. It invites the participants to reflect on the levels laid out by the EU recommendation of 2008 on interoperability of electronic health record systems, namely political, organisational, technical and semantic levels and in education and awareness-raising. Furthermore the issue of traceability will be highlighted in the conference by a special workshop jointly organized by HL7 and GS1.

This is a unique opportunity to attend an exciting conference and at the same time experience beautiful Icelandic nature. A special post-conference trip around Iceland with combined sightseeing and visits to health care institutions will be organized as well as other tours.

[Click here for more info](#)



✦ **e- Skills Week in Cyprus**

The [Cyprus IT Enterprises Association](#), the [Cyprus Computer Society](#) and [ECDL Cyprus](#) are proud to announce the launch of the European project entitled "E-Skills Week 2010" in Cyprus.

E-Skills Week is an initiative of the European Commission (DG Enterprise and Industry), organised by Digital Europe and European Schoolnet, in cooperation with 20 national partners that aim to underline the importance of ICT skills in today's society, and to demonstrate the wide range of job opportunities in the field. The culmination of the campaign will take place in the first week of March 2010.

For the e-Skills Week, participating partners in Cyprus are organising a range of events and activities aiming to increase ICT skills among professionals and to encourage more young people to take up ICT studies and careers. These include;

- Publicity Plan: Press releases dissemination
- Advertising: Radio spots
- Press Conference: Informative event for all national Media
- Conference: "Academia Vs Industry" Panel Discussion
- Participation in the International Education Fair
- Presence in the University of Cyprus' Career Day for high school students
- Organization of the e-Skills Week Career Day for university students

- Virtual Bus Tour in Cypriot villages to raise awareness on digital skills
- Fun youth event with live music and games
- “Women in ICT”, event to be organized within the framework of Women’s Day celebrations.

For more information please contact [Panicos Masouras](#)



➤ **News from CEPIS Member Societies**

This section is dedicated to news submitted by CEPIS Member Societies. It provides a means for Members to publicise important news and information and to share best practices. As the newsletter is distributed to 35 informatics societies across greater Europe it can serve as a valuable method to share and publicise the activities of your Society.

Members are invited to submit their contributions for the next newsletter by **Monday, February 22nd**. Articles can be sent in a word /text document format and should be approximately 200 words in length.

Please send your contributions to [Fiona Fanning](#).

CALLS FOR CONTRIBUTIONS



➤ **CEPIS Call for Participation: Green ICT Task Force**

One of the five strategic objectives put forward at the CEPIS President’s Strategy Meeting on 19th November 2009 was Green ICT.

CEPIS Honorary Secretary, Byron Nicolaides, calls on all Member Societies to propose a representative for the new Green ICT Task Force.

Proposals for Task Force representatives should be sent to kogelman@cepis.org by **5th February 2010**. The first Green ICT Task Force meeting is planned for **22nd February**. CEPIS members are encouraged to participate in this Task Force.

Furthermore, a key event organised by the EC, ‘[ICT for Energy Efficiency](#)’ will be held in Brussels on 23rd-24th February.



➤ **Call for Contributions: 1st European Workshop on Computing and ICT Professionalism (EWCIP) at CISTI 2010 Conference**

The The 1st European Workshop on Computing and ICT Professionalism (EWCIP) will take place during the annual CISTI 2010 conference, on 16-19 June, 2010, in Barcelona. The workshop is supported by ATI and CEPIS in creating a meeting point for research and practitioner communities from Spain, Portugal and experts from other European countries around the important topic of ICT professionalism.

The EWCIP workshop invites researchers and practitioners to submit contributions describing relevant advances and or experiences in the study and analysis of computing and the ICT profession.

Contributions must be submitted by February 26th.

[Click here to view the call for papers](#)

EVENTS



➤ International Multi-Conference on Computer Science and IT

The 2009 edition of the International Multi-Conference on Computer Science and IT (IMCSIT) conference was held in Mragowo, Poland in October 2009. The scientific part consisted of 12 conferences / workshops / symposia devoted to:

- Advances in Artificial Intelligence and Applications,
- Business Intelligence,
- Computer Linguistics – Applications e-Commerce and e-Government
- Intelligent Mobile Technology for Social Change
- Medical Informatics and Engineering
- Multimedia – Applications and Processing
- Principles of Information Technology and Applications
- Workshop on Real-Time programming / Real-time Software
- Advanced in Programming Language
- Ad-hoc Wireless Networks
- Computational Optimization

In addition, the conference included a joint session devoted to Research & Development which was organised by the IMCSIT and Polish Information Processing Society.

[Click here for the conference report](#)



Events taking place soon:

- **3rd-5th February**
[WONS 2010](#), Kranjska Gora, Slovenia.
Sponsored by: IEEE; IFIP WG6.3; EuroNF.
- **15th February**
[OCG IT-Security Seminar](#), Vienna, Austria. Organised by OCG: Austrian Computer Society.
- **14th-17th February**
[The 5th International Precision Assembly Seminar](#), Chamonix, France.
Sponsored by: PCM; IFIP WG5.5; CIRP; EFAC.
- **22nd-23rd February**
[MobiOpp 2010](#), Pisa, Italy.
Sponsored by: ACM/SIGMOBILE; IFIP WG6.3
- **22nd-24th February**

[Doctoral Conference on Computing, Electrical and Industrial Systems](#), Caparica, Portugal.

Sponsored by: SOCOLNET; IFIP WG5.5; IEEE-IE

- **23rd-24th February**
[ICT for Energy Efficiency](#), Brussels, Belgium.
Organised by: European Commission
- **22nd-25th February**
[23rd International Conference on Architecture of Computing Systems](#), Hannover, Germany.
Sponsored by: GI, IFIP, ITG
- **2nd-6th March**
[CeBIT 2010](#), Hannover, Germany.
Sponsored by: CHIP, Computerwoche, Microsoft, IBM.
- **1st-5th March**
[e-Skills Week](#), Pan- European.
Organised by: European Commission
- **11th-12th March**
[Bologna Ministerial Anniversary Conference 2010](#), Vienna, Austria.
- **15th-17th March**
[German Microwave Conference 2010](#), Berlin, Germany.
Organised by: VDE, ITG

YOUR SUGGESTIONS



✦ Your Suggestions & Contributions

We welcome your suggestions on items for the newsletter or any additions or amendments to the website.

Member contributions to the newsletter are also always warmly received.

We also encourage you to distribute the CEPIS Newsletter further within your society.

Please send your thoughts, comments or requests to [Fiona Fanning](#).

[Click Here to Unsubscribe](#)