

# NEWSLETTER OF ETN FETCH

NUMBER: 14  
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## Periodical monthly newsletter aiming exploitation of the ETN FETCH project results and outcomes

EUROPEAN THEMATIC NETWORK (ETN)  
"FUTURE EDUCATION AND TRAINING IN COMPUTING: HOW TO SUPPORT  
LEARNING AT ANYTIME ANYWHERE" (FETCH)

MEMBERS FROM 67 UNIVERSITIES AND COMPANIES IN 35 EUROPEAN  
COUNTRIES

COORDINATOR: UNIVERSITY OF RUSE

01.10.13 - 30.09.16

THE MAIN OBJECTIVES OF THE PROJECT ARE TO INTRODUCE INNOVATIVE TECHNOLOGIES IN EDUCATION, DEVELOP AN INTEGRATED ENVIRONMENT FOR COMPUTING EDUCATION, WHICH INCLUDES CURRICULA, SYLLABI, E-LEARNING, RESOURCES, STUDENT EXHIBITION FORUMS, WHICH WILL SIGNIFICANTLY RAISE EDUCATION QUALITY. IT WILL ALSO PROPOSE A SET OF RECOMMENDATIONS FOR FUTURE DIGITAL CURRICULA IN COMPUTING EDUCATION AND TRAINING 2020 AND WILL DEVELOP NEW DIDACTICAL THEORIES AND LEARNING MODELS FOR USING SOCIAL MEDIA IN EDUCATION.

### "ACTIVITIES OF June 2016"

**R E P O R T on WORK PACKAGE 5 Digital curricula in Computing Education and Training  
Deliverable 5.2 Assessment of emerging technological tools and resources for learning:**

The aim of this report is to provide an overview of the outcomes identified during the assessment of emerging technological tools and resources for learning purposes This study was conducted as part of Work Package 5 of the Erasmus network project on Future Education and Training in Computing: How to support learning at anytime anywhere (FETCH). A study on modern teaching approaches is conducted (agility, flipped classroom, and collaborative learning technologies). This is followed by online learner participation in terms of adapting to the students needs by utilizing MOOCs and different technological tools. An overview on technological tools is provided as well as Open Educational Resources and Intellectual Property Right issues are discussed. A case study is conducted by applying agility, flipped classroom and MOOCs as potential "open and flexible blended approaches" for learning/teaching purposes.

## INTERNATIONAL CONFERENCE ON COMPUTER SYSTEMS AND TECHNOLOGIES “CompSysTech’16”

On June 23 and 24 2016 the University of Palermo hosted the XVII-th in turn International Conference on Computer Systems and Technologies CompSysTech’16.



The CompSysTech’16 International Conference is organized by THE ASSOCIATION FOR COMPUTING MACHINERY (N.Y., USA) and by THE BULGARIAN ACADEMIC SOCIETY OF COMPUTER SYSTEMS AND INFORMATION TECHNOLOGIES and its OBJECTIVE is to intensify the information exchange of results in theoretical research and practical developments in this field.

CompSysTech’16 is organized under the patronage of:

- EUROPEAN COMMISSION - Education, Audiovisual and Culture Executive Agency
- John Atanasoff Union of Automation and Informatics
- Bulgarian Academy of Sciences;
- Bulgarian Chapter of IEEE Computer Society;
- Bulgarian Chapter of IEEE Communications Society.

Only papers with three favourable reviews from three members of the Programme Committee, which includes leading scientists from around the world, were accepted for presentation and publication.

The Plenary Session was opened with a greeting address from the Rector of the University of Ruse - Prof. Velizara Pencheva, PhD



The papers - a total of 55 - were allocated in 6 sections.

The Conference Programme also included a Co-Event – Workshop “Advances in high performance information services for digital, multilingual education” (AHPISDME) which comprised of 13 papers.

For more information please visit <http://emelcotest.com/news>

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