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Academic Highlights

SUCCESSFUL OUTCOME OF THE WORKSHOP IN DIGITAL PEDAGOGY FOR ARCHITECTURAL EDUCATION AND PRACTICE



Guglielmo Marconi University is proud to announce that the Digital Pedagogy for Architectural Education and Practice Workshop that took place in Rome on October 8-12, 2018, has concluded successfully. The 5-day workshop organized by the Ar. Valina Geropanta, alongside Arturo Lavalle, head of the Research and Development Department, targeted professionals, faculty members and students who wished to learn more about the impact of Smart Technology on architectural design and education. It was a great initiative, providing the attendants a valuable innovation strategy, necessary to adapt to the rapidly changing technological environment.

The lessons were distributed in 4 hours blocks, tackling relevant themes including the impact of digital e-learning technologies on current professions and how to improve educational institutes

accordingly, how to assess data driven analysis and evaluate the capabilities, tools and skills sets identified as 'new skills'.

Nonetheless, the course focused on smart city and urban regeneration concepts, preparing participants to become future innovation leaders. The workshop saw the participation of illustrious figures, including Arcasia's President and Honorary Secretary, respectively Ar. Jahangir S.M. Khan and Ar. Ramiz Baig, and guest professors coming from Greece and the UK, respectively Ar. Antonios Papamanolis and Ar. Jason Boyle. According to Ar. Geropanta, the positive feedback and successes obtained with the first edition of the workshop definitely foresee a second edition coming soon. Ar. Geropanta stated in an interview: "We are planning to start organizing the second edition of the workshop in November, and to see everyone again by March 2019."



For further information, please send an email to v.geropanta@unimarconi.it or visit <https://www.gmuonline.org/en/news/239-workshop-in-digital-pedagogy-for-architecture>

THE 2nd EDITION OF "DATA-DRIVEN INNOVATION IN THE INDUSTRY 4.0" COURSE

"Data-driven Innovation in the Industry 4.0" is a 10-day training course focusing on data-driven analysis, applied to the various University departments including engineering, economy, legal and humanistic sciences. An integral part of all the training sessions will be the participation of representatives of SMEs and large companies who will present case studies and innovative models of digital transformation. In this way, participants will have the opportunity to acquire data analysis and management skills, generating new and more efficient organizational and business models in the industrial, economic and cultural fields. The first lesson took place on October 12th, and saw the participation of 160 attendees including illustrious professors such as Prof. Pieroni from Guglielmo Marconi University, Alessandro Casacchia, Massimo Montemori, Gabriele Provinciali, and last but not least Cristina Menichelli, founder of Master and Skills. The first day was dedicated to important topics including, Data-Driven Innovation, AGID Models for Italian Smart Cities, Open Data e Big Data in Public Administration for innovative service, Smart Cities, and how Big data is bridging the gap between University and labor market. With this in mind, the objective of Marconi Industry 4.0, is to share ideas, research new tools to distribute data analysis and management skills, provide organizational and business models for companies and associations, as well as connecting universities with work force and market, ultimately creating a multidisciplinary community.



For further information, please visit the link

<https://www.marconindustry4punto0.it/data-driven-innovation-nellimpresa-4-0-lezione-n-1-del-12-ottobre-2018/>

ELEARNING – THE CHALLENGES OF IMPLEMENTATION IN AFRICA

University World News

Issue 00268

THE GLOBAL WINDOW ON HIGHER EDUCATION

and communication technology (ICT) infrastructure costs. In fact, according to the World Bank managing director Dr Mamphela Ramphele, whereas most African governments are upbeat about e-learning opportunities, they often ignore the fact that information and communications technology (ICT) infrastructure are generally too expensive for schools and universities.

During the 13th International Conference and Exhibition on ICT for Education, Training and Skills Development in Kigali, Rwanda, Dr. Ramphele, the former vice-chancellor of the University of Cape Town in South Africa, blamed the obsolete approach of the African governments and the political class in African countries. Further arguing that this mindset decelerates the continents resources development, especially in Sub-Saharan Africa where most people in rural areas live in abject poverty and where millions of children do not attend school, or any academic environment, let alone e-learning. In this respect, Dr. Ramphele stated that e-learning through ICT is not only connecting the continent but it also the driving force pulling Africa inside the benefits of the Fourth Industrial Revolution. Nonetheless, according to Dr Eugene Mutimura, Rwanda's education minister, "ICT is connecting Africa, creating opportunities not just in education but preparing Africans for innovation and industrial take-off".

In fact, if African countries are to make progress in innovation and industrial development, e-learning schools, universities and workplaces, are pivotal aspects against their competitors in other parts of the world. With this in mind, the African Union's 2030 roadmap said, "Our end goal is nothing short of a digital revolution in all sectors of African development". To conclude, while the meeting lacked of unanimous consent regarding e-learning's pinnacle force, there was a general sense of optimism at the end of the conference on Friday that Africa will rise – with or without e-learning.

For further information, please visit

<http://www.universityworldnews.com/article.php?story=20180928141001549>

In the article "ELearning – The challenges of implementation" Wachira Kigotho explores the relation between e-learning opportunities in Africa and information



Spotlight on Research

ACADEMICA FINAL PROJECT MEETING IN KAZAKHSTAN STATE UNIVERSITY



ACADEMICA'S – Accessibility and Harmonization of Higher Education in Central Asia through Curriculum Modernization and Development – final project meeting was held in Kokshetau, Kazakhstan, on September 12 and 13, 2018, hosted by the Shokan Ualikhanov Kokshetau State University (KokSU). ACADEMICA aims at modernizing Central Asian countries' scientific curriculums by implementing technology, digital support and distance learning. The two-day meeting, attended by Bulgaria, Spain, Austria, Italy, Kazakhstan, Uzbekistan and Turkmenistan, discussed the progress of the activities implemented, the outcome and the

future developments. Guglielmo Marconi University focused on the Experimentation phase, gaining extraordinary results. In fact, GMU trained 124 Central Asian lecturers, updated 127 courses, involved 1.330 students in the modernization process. Guglielmo Marconi University also participated at the first International Conference «Internationalization Of Higher Education: Experience

Of The Realization Of Joint European Projects», held on September 14, 2018, at the Sh. Ualikhanov Kokshetau State University, in honor of the joint European projects Tempus IV, Erasmus Mundus and Erasmus + projects, 10th anniversary. Guglielmo Marconi University participated at the conference, presenting the modernization plan implemented and approved ACADEMICA European Projects experts, professionals, lecturers, researchers and students.

For more information about the ACADEMICA project visit
<http://www.academicaproject.eu/>



GUGLIELMO MARCONI UNIVERSITY WELCOMES eVET IN ROME



Guglielmo Marconi University hosted on September 13, the third international eVET project meeting, funded by Erasmus+ Programme and coordinated by the Governorship of Istanbul. The objective of the initiative is to develop an online platform that connects, through mobility projects, VET providers (VET schools, governmental organizations etc.) with the labor market.

Specifically, this third meeting focused on the design and development of the online platform. Bogazici University, from Turkey, presented a first version of the online system, illustrating the main areas and the graphical interface. The partners had the chance to discuss the usability issues and recommend some minor changes to make the system more appealing and accessible. The development work will continue during the following weeks and eVET partners will meet again in Istanbul next November.

For further information, please send an email to progettieuropesi@unimarconi.it

DISCOVER INTERNATIONAL MEETING AT GUGLIELMO MARCONI UNIVERSITY IN ROME



In the framework of the DISCOVER project, funded by Erasmus+ Programme, Guglielmo Marconi University hosted the third international meeting on September 26-27 in Rome. The project, coordinated by the Technical University of Gabrovo, intends to develop teaching resources for extra-curricular science education at high-school level. It seeks to promote collaboration between secondary education and universities by providing resources that can be used or remixed in the implementation of science outreach activities. DISCOVER focuses mainly on the areas of Robotics, Mechatronics, Physical Computing and the synergic combination between Art and Science. The Rome event focused on the state of the art of project development and definition of upcoming activities and tasks for each partner. The partners had the chance to discuss on the products created so far (mainly the Master Class and Route to Science documents).

For further information, please send an email to progettieuropesi@unimarconi.it



GUGLIELMO MARCONI UNIVERSITY COORDINATOR OF KUTEL ERASMUS+ PROJECT



The European Commission – in conjunction with the ERASMUS+ programme and with the Capacity Building in the Field of Higher Education 2018 – launched a great initiative lead by Guglielmo Marconi University, the KUTEL European project: "Kazakh Universities to foster quality assurance processes in Technology Enhanced Learning" (3 years). KUTEL triggered the interest of multiple European universities and organizations, including Bulgaria, Finland, Greece and Kazakhstan, alongside the Kazakh Ministry of Education and Science that have joined GMU to collaborate on the project. Given the success obtain by Academica project (2015 – 2018 Erasmus+, Capacity Building in the Field of Higher Education), KUTEL aims at continuing the collaboration with Central Asia, while promoting the "Modernization of policies, governance and management of Higher Education Institutions".

In fact, KUTEL's objective is to expand technology-enhanced learning (TeL) methodologies in Kazakhstan higher education institutions, enabling access and inclusion in European Higher Education Area. Nonetheless, the project, in unison with Kazakhstan national priorities, addresses pivotal "Quality assurance processes and mechanisms" reforms, including the modernization of teaching methodologies in Kazakhstan and the importance of a Quality Assurance framework in blended learning

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GUGLIELMO MARCONI UNIVERSITY: THE FORTHCOMING COLLABORATION WITH ERASMUS+ PROGRAMMES



Guglielmo Marconi University's Research and Development Department participates every year at the European Union's Erasmus+ Programme, supporting activities including Education, Training, Youth and Sport. Specifically, GMU's area of expertise is the Key Action 2, the "Cooperation for innovation and the exchange of good practices", that sees the international collaboration of universities and organizations. In view of the forthcoming 2018 Proposals (EAC/A05/2017), Guglielmo Marconi University proudly announces the collaboration on the following projects funded by the action of the "Capacity Building in the Field of Higher Education", fostering the cooperation between the partnering countries:

MINERVA, Strengthening Research Management and Open Science capacities of HEIs in Moldova and Armenia (Partner Countries: Moldova and Armenia);

- NPGMNP, New Post-Graduate Medical and Nursing Programs in "Hepato-Pancreato-Biliary (HPB) Diseases & Liver Transplant", Compatible to EU Standards: University-Ministry of Health Partnership" (Partner Country: Egypt);
- PROFIC, Professional Development in Intercultural Competence in Higher Education Institutions (Partner Countries: El Salvador, Argentina and Mexico).

For more information, please send an email to s.correnti@unimarconi.it

Glance at the Future

COST: EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY



innovation capacities, enabling groundbreaking scientific developments, concepts and products. COST inclusiveness mission, supports the integration of research communities, leverages national research investments and addresses issues of global relevance.

COST is thus a building block of the European Research Area, instrumental for successful innovation strategies and global cooperation. COST convenes, every 5-6 years, a Ministerial Conference with the aim to reaffirm the Member States' support for COST as a unique framework for pan-European cooperation in research and innovation, leveraging national investments in S&T providing a clear demonstration of European values. The last COST Ministerial Conference took place on 21-22 September 2016 in Bratislava, under the Slovakian EU Presidency. The next collection date is on Thursday, 29 November 2018 at 12:00 noon (CET). Participation is open to researchers in universities, research centers, large and small, public and private organizations from all 37 COST Member States and its Cooperating State, from any science and technology field, at any career stage, having any original, innovative idea.

To find out further information please visit: http://www.cost.eu/participate/open_call

COST is the longest-running European framework supporting trans-national cooperation among researchers, engineers and scholars in Europe. The initiative aims at developing new ideas across all scientific and technological fields, including social sciences and humanities, through a pan-European network of nationally funded research activities.

Since its creation in 1971, COST aims at strengthening Europe's research and



■ **GMU Magazine** has been released with the contribution of all academic staff and partners around the world, if you wish to contribute highlighting any important news in accordance with the line of the release, please do not hesitate to contact us sending an email to i.reggiani@unimarconi.it