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Programme of Experiment@ International Workshop 2016 “The Emerging Technologies on the Internet of Everything” – ETIoE

Monday, 5 Set 2016

09:15 - 09:30	Opening Session Alberto Cardoso (UC), Hélia Guerra (UAc), Luís Palma (UNL), Maria Teresa Restivo (UP) (Contribution #15)	UAc, Ed. do Complexo Científico, Room 7
09:30 - 10:30	Plenary Session I “Internet from A(stronomy) to Z(oology): Online Experimentation with Things and People”, Mario Bochicchio, University of Salento, Italy (Contribution #2) Open Discussion	UAc, ECC, Room 7
10:30 - 11:00	Coffee-break	UAc, ECC
11:00 - 12:30	Panel Session I Contributions to: “Internet from A(stronomy) to Z(oology): Online Experimentation with Things and People” (contributions on short Topics Presentations and large Open Discussion) Contributions: #4, #5, #7, #8, #20, #21	UAc, ECC, Room 7
12:30 - 14:00	Lunch	Colégio Castanheiro

- 14:00 - 15:00 Plenary Session II** UAc, ECC,
Room 7
“FishMetrics: A new integrated solution for fisheries automatic and remote size data collection for fish stock assessment”, Gui Menezes (University of the Azores, Portugal) ([Contribution #23](#))
“Technology and Innovation in Agriculture”, Emiliania Silva (University of the Azores, Portugal) ([Contribution #13](#))
Open Discussion
- 15:00 - 16:30 Panel Session II** UAc, ECC,
Room 7
Contributions to: “Online experimentation Resources in Control Education” and “Past, present and future projects in Online Experimentation with Things and People” (contributions on short Topics Presentations, sharing Projects and Open Discussion) [Contributions: #11, #16, #17, #19](#)
- 17:00** Social Programme Activity and Welcome Snack

Tuesday, 6 Set 2016

- 09:30 - 10:30 Plenary Session III** UAc, ECC,
Room 7
“Industry 4.0 and internet of things”, Andreja Rojko, ECPE European Centre for Power Electronics, Germany ([Contribution #3](#))
Open Discussion
- 10:30 - 11:00 Coffee-break** UAc, ECC
- 11:00 - 12:30 Panel Session III** UAc, ECC,
Room 7
Contributions to: “Online experimentation on industry, health and education” (contributions on short Topics Presentations, sharing projects and large Open Discussion)
[Contributions: #9, #10, #12, #14, #18, #22](#)
- 12:30 - 14:00 Lunch** Colégio
Castanheiro

14:00 - 15:00	Panel Session IV "Sharing Online Experiments - An Excellent Opportunity for Networking of Higher Education Institutions" (round table), Radojka Krneta, University of Kragujevac, Serbia (Contribution #1)	ExpoLab
15:00 - 16:30	Panel Session V "Evaluating Online Experiments" (round table): Andreja Rojko, Teresa Restivo, Diana Urbano, Radojka Krneta (Contribution #6)	ExpoLab
16:30	Closing Session and Farewell Cocktail	ExpoLab

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Contributions for the Experiment@ International Workshop 2016 “The Emerging Technologies on the Internet of Everything” - ETIoE

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| #1 | Sharing online experiments – an excellent opportunity for networking of higher education institutions | Radojka Krneta
University of Kragujevac, Serbia |
| #2 | Internet from A(stronomy) to Z(oology): Online Experimentation with Things and People | Mario A. Boichichio
University of Salento, Italy |
| #3 | Industry 4.0 and Internet of Things | Andreja Rojko
ECPE European Center for Power Electronics, Germany |
| #4 | Multidisciplinary perspectives of online experimentation resources | M. Fátima Chouzal, M. Teresa Restivo, Diana Urbano
LAETA-INEGI, University of Porto, Portugal |
| #5 | Enhance a 3D printer with online access | Tiago Faustino Andrade, Paulo Abreu, Maria Teresa Restivo, Maria de Fátima Chouzal, Bruno Filipe Santos, José Rodrigues
LAETA-INEGI, University of Porto, Portugal |
| #6 | Technical Evaluation of Online Experimentation Resources | Diana Urbano, Maria Teresa Restivo
LAETA-INEGI, University of Porto, Portugal |

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| <p>#7 Online Experimentation@FEUP FOR ALL</p> | <p>Maria Teresa Restivo, Tiago Andrade, José Rodrigues, Paulo Abreu, Fátima Chouzal, Diana Urbano, Pedro Sousa, Rafael Tavares, Fernando Carneiro, Joaquim Gabriel, Vasco Freitas, Elsa Caetano, Álvaro Cunha, Carlos Moreira Silva, António Mendes Lopes, Manuel Rodrigues Quintas, Bruno Santos, José Couto Marques, Fernando Gomes de Almeida, António Augusto Sousa, Jaime Villate, Daniel Teixeira, Fernando Pereira, José Carvalho, Filipe Castro, João P. Portela, Luciano Andreatta
University of Porto, Portugal</p> |
| <p>#8 Virtual Reality Lab</p> | <p>José C. Rodrigues, Alberto Cardoso, Maria Teresa Restivo
LAETA-INEGI, University of Porto, Portugal / University of Coimbra, Portugal</p> |
| <p>#9 NSensor - Wireless sensor network @ FEUP</p> | <p>Paulo Abreu, Pedro Sousa, Maria Teresa Restivo
LAETA-INEGI, University of Porto, Portugal</p> |
| <p>#10 CORE: Collaborative Online Rehabilitation Platform</p> | <p>Rafael Tavares, Pedro J. Sousa, Paulo Abreu, Maria Teresa Restivo
LAETA-INEGI, University of Porto, Portugal</p> |
| <p>#11 An experimental 96dB dynamic range data acquisition system (DAS) for low sampling rates instrumentation over Internet</p> | <p>A. Montalvo, T. Ferreira, N. Wallenstein
CVARG, University of the Azores, Portugal</p> |
| <p>#12 IoT technologies in the Azorean dairy production</p> | <p>Carlos Oliveira, Armando B. Mendes, Hélia Guerra
Regional Secretariat for Agriculture and the Environment, Government of the Azores, Portugal / University of the Azores, Portugal</p> |

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| #13 Technology and Innovation in Agriculture | Emiliana Silva
University of the Azores, Portugal |
| #14 Internet of Things and Smart Cities | Pedro Melo Leite
GLOBALEDA - Telecomunicações e Sistemas de Informação, S. A., Portugal |
| #15 U-Academy – a collaborative project for sharing and evaluation of online experimentation resources | Alberto Cardoso, César Teixeira, Jorge Lobo, Manuel Gameiro, Maria da Graça Rasteiro, Paulo Menezes, Vitor Sousa, Ricardo Simões, Maria Teresa Restivo, Diana Urbano, Fátima Chouzal, Paulo Abreu, Tiago Faustino Andrade, José Rodrigues, Pedro Sousa, Paulo Gil, Luís Palma, Hélia Guerra
University of Coimbra, Portugal / University of Porto, Portugal / New University of Lisbon, Portugal / University of the Azores, Portugal |
| #16 A distance-learning course on indoor environmental comfort in buildings | Manuel Gameiro da Silva, Luísa Dias Pereira, João A. Dias Carrilho, Joana Neto, Maria José Marcelino, Mário Mateus, Nelson Silva Brito, Sandra Pedrosa
University of Coimbra, Portugal |
| #17 U-Academy module on augmented reality | Paulo Menezes
ISR, University of Coimbra, Portugal |
| #18 Development of a tool to analyze data of road tests with cars | Manuel Gameiro da Silva, Ahmet Gültekin, Eren Ünlütürk
University of Coimbra, Portugal / Middle East Technical University, Cyprus |
| #19 Remote laboratories to support teaching in control engineering subjects | Alberto Cardoso, César Teixeira, Vitor Sousa, Ricardo Simões, Paulo Gil, Luís Palma
University of Coimbra, Portugal / New University of Lisbon, Portugal |

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| #20 A remote reconfigurable logic laboratory | Jorge Lobo
ISR, University of Coimbra, Portugal |
| #21 A Virtual PLC Environment for Assisting Automation Teaching and Learning | Luis Brito Palma, Vasco Silva Brito, João Rosas, Paulo Gil
New University of Lisbon, Portugal |
| #22 Approach to adapt a Legacy Manufacturing System into the IoT paradigm | João Rosas, Luís Palma, José Barata
UNINOVA, New University of Lisbon, Portugal |
| #23 FishMetrics: A new integrated solution for fisheries automatic and remote size data collection for fish stock assessment | Gui M. Menezes, Tiago Gaspar, Ricardo Aires, César Santos Silva
University of the Azores, Portugal |

+ info: <http://expat.org.pt/other-events/workshop16/>

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