

**Programme:**

<b>Monday, June 05, 2017 (Pre-Conference)</b>		
Registration	09:00	UAlg
	12:30	Atrium
<b>Mon1A – Parallel Activity:</b> VISIR+ Project Meeting	09:00	UAlg
	12:30	Room 1.55
<b>Mon1B – Parallel Activity:</b> PILAR Project Meeting	10:00	UAlg
	12:30	Room B
Registration	13:30	UAlg
	17:30	Atrium
<b>Mon2A – Parallel Activity:</b> Technical visit to the Faro Airport (Departure from UAlg Bus Stop)	14:00	Faro
	15:30	Airport
<b>Mon2B – Parallel Activity:</b> VISIR+ Project Meeting	14:00	UAlg
	15:30	Room A
Coffee break	15:30	UAlg
	16:00	Atrium
<b>Mon3A – Parallel Activity:</b> Technical visit to the Faro Airport (Departure from UAlg Bus Stop)	16:00	Faro
	17:30	Airport
<b>Mon3B – Parallel Activity:</b> VISIR+ Project Meeting	16:00	UAlg
	17:30	Room A
<b>Mon3C – Parallel Activity:</b> PILAR Project Workshop	16:00	UAlg
	17:30	Room B
Social Programme Activity (Faro, meeting point at Hotel Eva)	18:30	Faro H. Eva
<b>Tuesday, June 06, 2017 (Conference)</b>		
<b>Tue0 –Activity:</b> VISIR+ Project Meeting	08:00	UAlg
	10:00	Room A
Registration	09:00	UAlg
	15:30	Atrium
<b>Welcome Coffee</b>	09:00	UAlg
	10:00	Atrium
<b>Tue1 - Opening Session</b>		
<i>António Branco, Rector of University of Algarve</i>		
<i>Doru Ursutiu, President of IAEO</i>		
<i>Armando Inverno, Representative of President of OE</i>	10:00	UAlg
<i>Rogério Bacalhau, Mayor of Faro</i>	10:30	Green Aud.
<i>Maria Teresa Restivo, exp.at'17 General Chair, University of Porto</i>		
<i>Alberto Cardoso, exp.at'17 General Chair, University of Coimbra</i>		

## Tuesday, June 06, 2017 (Conference)

### Tue2A - Parallel Session

VISIR Remote labs

Chairs: Mikulas Huba and Katarina Zakova

Papers:

#19 - A teacher training workshop to promote the use of the VISIR Remote Laboratory for electrical circuits teaching

Carlos Arguedas-Matarrita, Sonia Beatriz Concari, Javier García-Zubía, Susana Teresa Marchisio, Unai Hernández-Jayo, Gustavo R. Alves, Iñigo Uriarte-Canivell, Marco Conejo Villalobos, Ingvar Gustavsson, Fernando Ureña Elizondo

#37 - The VISIR+ Project – Helping Contextualize Math in an Engineering Course

Natércia Lima, Marcelo Zannin, Clara Viegas, Arcelina Marques; Gustavo Alves, Manuel C. Felgueiras, Ricardo Costa, André Fidalgo, Juarez B. da Silva, María I. Pozzo, Elsa Dobboletta, Ingvar Gustavsson, Francisco Garcia-Peñalvo

#45 - Science Education at High School: a VISIR Remote Lab Implementation  
Ignacio Evangelista, Juan A. Farina, María I. Pozzo, Elsa Dobboletta, Gustavo R. Alves, Javier García-Zubía, Unai Hernández, Susana T. Marchisio, Sonia B. Concari, Ingvar Gustavsson

10:40 UAlg  
12:40 Room A

#53 - Starting the Study of Electronic Circuits with VISIR

Susana Marchisio, Federico Lerro, Claudio Merendino, Miguel Plano, Sonia B. Concari, Gastón Saez de Arregui, Javier García-Zubía, Unai Hernández-Jayo, Gustavo R. Alves, Ingvar Gustavsson

#71 - VISIR federation: Initial building steps (PILAR experience – work in progress)

Ramona Georgiana Oros, Andreas Pester, Christian Kreiter, Manuel Castro, Andre Fidalgo, Gustavo R. Alves and Ingvar Gustavsson

#77 - A Federation of VISIR remote laboratories through the PILAR Project

Wlodek Kulesza, Ingvar Gustavsson, Arcelina Marques, Andre Fidalgo, Gustavo R. Alves, Unai Hernandez-Jayo, Javier Garcia-Zubia, Christian Kreiter, Ramona Georgiana Oros, Andreas Pester, Danilo Garbi-Zutin, Michael Auer, Carla Garcia-Hernandez, Ricardo Tavio, Kati Valtonen, Felix Garcia Loro, Alejandro Macho, Elio Sancristobal, Gabriel Diaz and Manuel Castro

### Tue2B - Parallel Session

Web Platform Components for OE

Chairs: Pavol Bistak and David Lowe

Papers:

#28 - Using Cloud Web Services to Intermediate Communication in ISA / ELSA  
Luciano Antonio Mendes, Thiago Schaedler Uhlmann, Dani Juliano Czelusniak

#34 - Automatic Generation of Web Client Interfaces for Remote Execution of Matlab Simulations

Christian Kreiter, Danilo Garbi Zutin

10:40 UAlg  
12:40 Room B

#36 - Semantic Web Thing Architecture

Andriy Mazayev, Jaime Martins and Noélia Correia

#39 - Assisting Students in Online Experimentation

Hugh Considine, Zorica Nedic and Andrew Nafalski

#74 - Web Physics Ontology

Vladimir Cvjetkovic

#103 – Mathworks

Alex Tarchini

## Tuesday, June 06, 2017 (Conference)

Lunch break	12:40	UAlg
	14:00	Canteen
<b>Tue3A - Parallel REMO'17 Special Session</b>		
Remote Experiments in Marine Observations		
Chairs: <a href="#">Juan J. G. Dominguez</a> and <a href="#">M. Graça Rasteiro</a>		
Papers:		
#93 - Collection and dissemination of data from environmental monitoring systems in estuaries	14:00	UAlg
<a href="#">Erwan Garel</a>	15:00	Room A
#94 - Improving the response to operational pollution in the South Iberian coast		
<a href="#">João Janeiro</a> , <a href="#">Augusto Neves</a> , <a href="#">Francisco Campuzano</a> , <a href="#">Flávio Martins</a>		
#95 - Collection, analysis and on-line experimentation of ocean color remote sensing data		
<a href="#">Davide D'Alimonte</a> , <a href="#">Tamito Kajiyama</a> , <a href="#">Carolina Sá</a> , <a href="#">Vanda Brotas</a>		
<b>Tue3B - Parallel Session</b>		
Collaborative and Immersive Environments		
Chairs: <a href="#">Alexander Kist</a> and <a href="#">Doru Ursutiu</a>		
Papers:		
#15 - Collaborative BIM environment as a support to conflict analysis in building design	14:00	UAlg
<a href="#">Alcinia Zita Sampaio</a> , <a href="#">Edgar Berdeja</a>	15:00	Room B
#79 - Virtual Reality for Real Estate - its evolution in Bluemind Software		
<a href="#">Bogdan-Alexandru Deaky</a> , <a href="#">Luminita Parv</a>		
#89 - Improving robot teleoperation experience via immersive interfaces		
<a href="#">Luís Almeida</a> , <a href="#">Paulo Menezes</a> , <a href="#">Jorge Dias</a>		
Move to the Lethes Theatre (Faro)	15:15	UAlg Bus Stop
Coffee break	16:00	Lethes
	16:30	Theatre
<b>Tue4 –Plenary Session</b>		
“Consumers, providers and prosumers, what is there outside of research?”	16:30	Lethes
Keynote Speaker: <b>Javier García-Zubía</b> (Spain)	17:20	Theatre
Chair: <a href="#">Mario Bochicchio</a>		
<b>Tue5 – Plenary Session</b>		
MATLAB as a Tool for Online Experimentation	17:30	Lethes
- Alex Tarchini, MathWorks	18:00	Theatre
Chair: <a href="#">Manuel Castro</a>		
Welcome Reception at “Faro Municipal Museum”	19:00	Faro Old Town

## Wednesday, June 07, 2017 (Conference)

Registration	08:30	UAlg
	16:30	Atrium

## Wednesday, June 07, 2017 (Conference)

### Wed1 – Exhibition Session (Demos'17):

Online Experimentation Demos I

Chairs: [Alexander Zimin](#) and [Tiago Faustino Andrade](#)

Demos:

#01 - Online demonstration of a EEG-based drowsiness detector

[Daniel Ribeiro](#), [Alberto Cardoso](#), [César Teixeira](#)

#06 - An online collaborative environment for rehabilitation using instrumented devices

[Rafael Tavares](#), [Paulo Abreu](#), [Maria Teresa Restivo](#)

#08 - Analysis and Pattern Identification on Smart Sensors Data

[António Mendes Lopes](#), [Paulo Abreu](#), [Maria Teresa Restivo](#)

#17 - Online Identification of Unknown System in Adaptive Filtering Laboratory

[Đorđe Damjanović](#), [Radojka Krneta](#), [Dušan Živković](#)

#18 - The remote lab “Nexys 2 FPGA platform” aimed for learning design of digital circuits

[Vanja Luković](#), [Aleksandar Peulić](#), [Radojka Krneta](#), [Đorđe Damjanović](#)

#22 - Remote Control of Pneumatic Circular Manipulator Using CEyeClon Platform

[Vule Reljić](#), [Brajan Bajčić](#), [Jovan Šulc](#), [Dragan Šešlija](#), [Slobodan Dudić](#)

#31 - Programming and Testing a PLC to control a Scalable Industrial Plant in Remote Way

[Marco Márquez](#), [Andrés Mejías](#), [Reyes Herrera](#), [José Manuel Andújar](#)

#38 - Mixed Reality Voice Training for Lecturers

[Laura Lenz](#), [Daniela Janßen](#), [Valerie Stehling](#)

09:00 UAlg

#40 - RoboBlock: A Remote Lab for Robotics and Visual Programming

10:30 Atrium

[Javier Garcia-Zubia](#), [Ignacio Angulo](#), [Iñigo Uriarte](#), [Gabriel Martinez-Pieper](#)

#42 - Low cost air levitation remote lab

[Jacobo Sáenz](#), [Jesús Chacón](#), [Luis de la Torre](#), [Sebastián Dormido](#)

#46 - Design and instrumentation of a magnetic field micro-probe mapper

[Hugo Alves](#), [Diogo Carvalho](#), [Tiago Pereira](#), [Horácio Fernandes](#)

#55 - Affordable LTE Network Benchmarking Based on Transport Fleets

[Rogério Dionísio](#), [Paulo Marques](#), [Hugo Marques](#), [Tiago Alves](#), [Luis Pereira](#), [Fernando Silva](#), [Jorge Ribeiro](#)

#64 - Action Learning-Based MOOC to Enhance Laboratory Learning Outcomes

[Alexander A. Kist](#), [Andrew Maxwell](#), [Hannah Campos Remon](#), [Ananda Maiti](#), [Lindy Orwin](#), [Peter Albion](#), [Victoria Terry](#)

#86 - Virtual Reality as a Training Tool For Human Interactions

[Fernando Pais](#), [Bruno Patrão](#), [Paulo Menezes](#)

#88 - Puzzle Time - VR Runner

[Nuno Gouveia](#), [Bruno Patrão](#), [Paulo Menezes](#)

#92 - Development of a FEM-Lab for the virtual experimentation in forming processes

[Joshua Grodotzki](#), [Tobias R. Ortelt](#), [A. Erman Tekkaya](#)

#102 - Application of virtual reality techniques to a birth simulation

[Sérgio Pinto](#), [Renato Natal Jorge](#), [Mariana Petterson](#), [Polyana Costa](#), [Paulo Jansen](#), [Daniela Costa](#), [Anselmo Paiva](#), [Marco Parente](#)

#104 - Counting Cars and Analyzing Traffic with a Raspberry Pi, a Webcam and ThingSpeak

[Alex Tarchini](#), [Gareth Thomas](#)

## Wednesday, June 07, 2017 (Conference)

Coffee break

10:30 UAlg  
11:00 Atrium

### Wed2 – Exhibition Session (Demos'17):

Online Experimentation Demos II

Chairs: [Paulo Abreu](#) and [Tobias R. Ortelt](#)

Demos:

#02 - A web GIS-based platform to assist authorities in emergency response using VGI and sensor data

[Diogo Fontes](#), [Cidália Fonte](#), [Alberto Cardoso](#)

#03 - An IoT remote lab for seismic monitoring in a programming course

[Hélia Guerra](#), [Arturo Montalvo Garcia](#), [Luis Mendes Gomes](#), [Alberto Cardoso](#)

#04 - Web-based Platform for River Flood Monitoring

[Alexandra Ribeiro](#), [Alberto Cardoso](#), [José Alfeu Marques](#), [Nuno Simões](#)

#05 - Device for Hand Rehabilitation in Online Collaborative Environment

[Fernando Carneiro](#), [Rafael Tavares](#), [Paulo Abreu](#), [Maria Teresa Restivo](#)

#07 - Adding augmented reality to laboratory experimentation

[José Rodrigues](#), [Tiago Andrade](#), [Paulo Abreu](#), [Maria Teresa Restivo](#)

#20 - An educational kit to teach and learn Operational Amplifiers

[Ricardo Costa](#), [Paulo Portela](#), [Gustavo R. Alves](#)

#27 - Blockly experiments for EjsS laboratories

[Daniel Galan](#), [Ruben Heradio](#), [Luis de La Torre](#), [Francisco Esquembre](#),  
[Sebastián Dormido](#)

#41 - Demonstration of Deep Drawing Experiments in a Remote Lab Environment

[Joshua Grodotzki](#), [Alessandro Selvaggio](#), [Tobias R. Ortelt](#), [A. Erman Tekkaya](#)

#43 - New Open-Source and Smart-Device Accessible Remote Control Laboratory

11:00 UAlg  
12:30 Atrium

[Julián Bermúdez-Ortega](#), [Eva Besada-Portas](#), [José A. López-Orozco](#), [Jesús M. de La Cruz](#)

#48 - Virtual Lab for Material Testing using the Oculus Rift

[Tobias R. Ortelt](#), [Eric Ruider](#)

#58 - Experiments on Optical Spectrometry in the VirtualRemoteLab

[Lars-Jochen Thoms](#), [Raimund Girwidz](#)

#62 - VENTI: experimental controller for inline duct fan

[Paulo Abreu](#), [Tiago Andrade](#), [Rafael Tavares](#), [Fernando Carneiro](#), [Vasco Peixoto de Freitas](#), [Maria Teresa Restivo](#)

#87 - Exploring Avatar Interactions to Trigger Social Identity-Related Responses

[Fernando Pais](#), [Bruno Patrão](#), [Paulo Menezes](#)

#90 - Virtual Transportation for Immersive Systems

[Bruno Patrão](#), [Paulo Menezes](#)

#97 - A Simple Browser-based 3D-Sketching Framework for Novice and Infrequent Users

[Frode Sandnes](#), [Yuriy Lianguzov](#)

#98 - An immersive Virtual Reality interface for Civil Engineering dissemination amongst pre-university students

[Fábio Matoseiro Dinis](#), [Ana Sofia Guimarães](#), [Bárbara Rangel Carvalho](#), [João Pedro Poças Martins](#)

#105 - Solving a Maze with your iPhone through MATLAB

[Alex Tarchini](#), [Gareth Thomas](#)

## Wednesday, June 07, 2017 (Conference)

Lunch break	12:30	UAlg
	14:00	Canteen
<b>Wed3A - Parallel Session</b>		
Augmented Reality & Image Recognition		
Chairs: <a href="#">Bogdan Deaky</a> and <a href="#">Zorica Nedic</a>		
Papers:		
#65 - Using Marker based Augmented Reality and Natural User Interface for Interactive Remote Experiments	14:00	UAlg
<a href="#">Ananda Maiti</a> , <a href="#">Andrew D. Maxwell</a> , <a href="#">Alexander A. Kist</a>	15:00	Room A
#67 - Potential for Utilising Head-Mounted Displays (HMDs) for Augmenting Laboratories		
<a href="#">David Lowe</a> , <a href="#">Ziyu Liu</a>		
#96 - Offline and Online Deep Learning for Image Recognition		
<a href="#">Nguyen Huu Phong</a> , <a href="#">Bernardete Ribeiro</a>		
<b>Wed3B - Parallel Session</b>		
Serious Games and Gamification		
Chairs: <a href="#">Sonia B. Concari</a> and <a href="#">Hélia Guerra</a>		
Papers:		
#32 - Educational games for children with special needs: preliminary design	14:00	UAlg
<a href="#">João Salgado</a> , <a href="#">Filomena Soares</a> , <a href="#">Vitor Carvalho</a> , <a href="#">Demétrio Matos</a> , <a href="#">Celina P. Leão</a>	15:00	Room B
#35 - Communication Model of Open Government Data Gamification Based on Ukrainian Websites		
<a href="#">Oleksandr Blazhko</a> , <a href="#">Tetiana Luhova</a> , <a href="#">Sergey Melnik</a> , <a href="#">Viktoriia Ruvinska</a>		
#59 - A Serious Game Concept to Enhance Students' Learning of Statistics		
<a href="#">Celina P. Leao</a> , <a href="#">Filomena Soares</a> , <a href="#">Vitor Carvalho</a> , <a href="#">Sérgio Lopes</a> , <a href="#">Ivo Gonçalves</a>		
<b>Wed4 –Plenary Session</b>		
“User Experience for Live Experimentation in AR and VR Settings: Synergetic Effects between Computer Science and Games”	15:10	UAlg
Keynote Speaker: <b>Gudrun Klinker (Germany)</b>	16:00	Green Aud.
Chair: <a href="#">Paulo Menezes</a>		
Coffee break	16:00	UAlg
	16:30	Atrium
<b>Wed5A – Parallel Round Table: Augmented Reality a technology of the future or just a momentary hype?</b>		
Guest Speakers: <a href="#">Paulo Menezes</a> , <a href="#">James Wolfer</a> , <a href="#">Joerg Rett</a> , <a href="#">Alexander Kist</a> and <a href="#">Tobias R. Ortelt</a>	16:30	UAlg
Chair: <a href="#">Maria Teresa Restivo</a>	18:00	Green Aud.
<b>Wed5B – Parallel Activity: Erasmus+/Tempus Projects Meeting</b>		
	16:30	UAlg
	18:00	Room A
<b>Wed5C – Parallel Activity: IEEE Meeting</b>		
	16:30	UAlg
	18:00	Room B
<b>Wed5D – Parallel Activity: VISIR+ Project Meeting</b>		
	16:30	UAlg
	18:30	Room C
Social Programme Activity (Concert of Portuguese guitar)	21:30	Lethes
	22:30	Theatre

## Thursday, June 08, 2017 (Conference)

<i>Registration</i>	08:30	UAlg
	17:00	Atrium
<b>Thu1A - Parallel SOetBE'17 Special Session</b>		
Simulation and Online Experimentation in Technology Based Education		
Chairs: <a href="#">Wlodek Kulesza</a> and <a href="#">Celina P. Leão</a>		
Papers:		
#25 - Application of remote experiments in a secondary school using MOOC approach		
<a href="#">Olga Dziabenko</a> , <a href="#">Dominique Persano Adorno</a>		
#33 - Remote Renewable Energy Laboratory - Green Electric Energy Park (GEEP)	09:15	UAlg
	10:30	Room A
<a href="#">Nazanin Mohammadi</a> , <a href="#">Geoffrey Hsiung</a> , <a href="#">Iain Murray</a>		
#66 - Evaluation of on-line simulation tools to teach Chemical Processes		
<a href="#">Maria Graça Rasteiro</a> , <a href="#">Diana Urbano</a>		
#76 - Cloud Ecosystem for Supporting Inquiry Learning with Online Labs: Creation, Personalization, and Exploitation		
<a href="#">Denis Gillet</a> , <a href="#">María Jesús Rodríguez-Triana</a> , <a href="#">Ton de Jong</a> , <a href="#">Lars Bollen</a> , <a href="#">Diana Dikke</a>		
<b>Thu1B - Parallel Session</b>		
Environment Monitoring		
Chairs: <a href="#">Paulo Abreu</a> and <a href="#">Frode Sandnes</a>		
Papers:		
#11 - Integration of VGI and sensor data in a Web GIS-based platform to support emergency response	09:15	UAlg
<a href="#">Diogo Fontes</a> , <a href="#">Alberto Cardoso</a> , <a href="#">Cidália C. Fonte</a>	10:30	Room B
#14 - Geosensing-Based Platform for Supporting Operational River Flood Forecast		
<a href="#">Alexandra Ribeiro</a> , <a href="#">Alberto Cardoso</a> , <a href="#">José Alfeu Marques</a> , <a href="#">Nuno Simões</a>		
#91 - Temperature Time Series: Pattern Analysis and Forecasting		
<a href="#">Manuel Romano Barbosa</a> , <a href="#">António M. Lopes</a>		
<i>Coffee break</i>	10:30	UAlg
	11:00	Atrium
<b>Thu2A - Parallel OEEE'17 Special Session</b>		
Online Experimentation in Science and Engineering Education		
Chairs: <a href="#">Horácio Fernandes</a> and <a href="#">Radojka Krneta</a>		
Papers:		
#23 - Remote Control of Plasma Diagnostics System for Tokamak Facility		
<a href="#">Vadim Krupin</a> , <a href="#">Gennady Notkin</a> , <a href="#">Vladislav Troynov</a> , <a href="#">Alexander Zimin</a>		
#30 - An Internet of Laboratory Things		
<a href="#">Timothy D. Drysdale</a> , <a href="#">Nicholas St.J. Braithwaite</a> , <a href="#">The Openstem Lab Team</a>		
#63 - Browser-Enabled Distributed Crowdsensing	11:00	UAlg
<a href="#">Mario Alessandro Bochicchio</a> , <a href="#">Antonella Longo</a> , <a href="#">Lucia Vaira</a> , <a href="#">Marco Zappatore</a> , <a href="#">Lorenzo Cazzella</a>	12:30	Room A
#69 - Comparison of the effectiveness of Logisim software tool and remote experiments based on Nexys 2 FPGA platform in learning digital circuits design		
<a href="#">Vanja Lukovic</a> , <a href="#">Aleksandar Peulic</a> , <a href="#">Radojka Krneta</a> , <a href="#">Đorđe Damnjanovic</a> , <a href="#">Ana Vulović</a> , <a href="#">Christos Dimopoulos</a> , <a href="#">Konstantinos Katzis</a>		
#72 - Usefulness of remote experiments		
<a href="#">Diana Urbano</a> , <a href="#">Maria De Fátima Chouzal</a> , <a href="#">Maria Teresa Restivo</a>		

## Thursday, June 08, 2017 (Conference)

### Thu2B - Parallel OEC'17 Special Session

Online Experimentation in Control

Chairs: [Andreas Pester](#) and [Luciano A. Mendes](#)

Papers:

#24 - Ball & Beam experiment control with current sensing

[João Oliveira](#), [Samuel Balula](#), [Horácio Fernandes](#)

#44 - Simple Experiment Integration into Modular Online Laboratory Environment

11:00 UAlg  
12:30 Room B

[Matej Rábek](#), [Katarína Žáková](#)

#54 - Experimenting with Constrained Dead Time Compensators for FOTD Systems

[Mikulas Huba](#), [Katarina Zakova](#)

#60 - Simulation Tool for Time Sub-Optimal Control of Time-Delayed Systems with Input Saturation

[Pavol Bistak](#), [Mikulas Huba](#)

Lunch break

12:30 UAlg  
14:00 Canteen

## Thursday, June 08, 2017 (Conference)

### Thu3A - Parallel Session

Control Systems

Chairs: [Vule Reljić](#) and [Olga Dziabenko](#)

Papers:

#49 - Ultrasonic indoor positioning for smart environments: a mobile application

[Edel Diaz](#), [M<sup>a</sup> Carmen Perez](#), [David Gualda](#), [Jose Manuel Villadangos](#), [Jesus Ureña](#), [Juan Jesus Garcia](#)

#12 - Flood Management in Urban Drainage: Contributions for the Control of Water Drainage Systems using Underground Barriers

14:00 UAlg  
15:30 Room A

[Joaquim Leitão](#), [Alberto Cardoso](#), [José Alfeu Marques](#), [Nuno Simões](#)

#47 - A demonstration circuit to support (e-)learning on control systems engineering

[Carlos Felgueiras](#), [Andre Fidalgo](#), [Clovis Petry](#), [Luis Schlichting](#), [Gustavo R. Alves](#), [Ricardo Costa](#)

#57 - Control System for a Self-Balancing Robot

[Ricardo Martins](#), [Francisco Nunes](#)

#81 - WEB PLC Simulator for ST Programming

[Luis Brito Palma](#), [Vasco Brito](#), [João Rosas](#), [Paulo Gil](#)



## Thursday, June 08, 2017 (Conference)

### Thu3B - Parallel Session

Sensing Systems

Chairs: Ricardo Costa and Unai H. Jayo

Papers:

#68 - Creative developments in LabVIEW student training (Creativity Laboratory – LabVIEW Academy)

Doru Ursutiu, Cornel Samoila, Vlad Jinga

#70 - Analog computing with Pocket Labs

Andreas Pester, Thomas Klinger

14:00 UAlg

#10 - EEG-based drowsiness detection platform to compare different methodologies

15:30 Room B

Daniel Ribeiro, Alberto Cardoso, César Teixeira

#21 - Towards the use of commercial wrist wearables in education

Francisco de Arriba-Pérez, Manuel Caeiro-Rodríguez, Juan M. Santos-Gago

#51 - Sensory System for the Sleep Disorders Detection in the Geriatric Population

Mauro Cruz Alberto, M. Ángel Herrero Ramiro, Ana Jiménez Martín, J. Jesús García Domínguez, Edel Díaz, M. Graça Ruano

### Thu4 –Plenary Session

“Digitalization in Process Industries - Integrated Engineering and Integrated Operations”

15:40 UAlg  
Green  
Aud.

Keynote Speaker: **Steeve Baudry (Siemens, Germany)**

Chair: Sebastián Dormido

Coffee break

16:30 UAlg  
17:00 Atrium

### Thu5 - Closing Session

Maria de Lurdes Cristiano, Director of FCT of the University of Algarve  
Manuel Castro, IEEE

17:00 UAlg  
Green  
Aud.

Maria Teresa Restivo, exp.at'17 General Chair, University of Porto

Alberto Cardoso, exp.at'17 General Chair, University of Coimbra

Gala Dinner and Awards

19:30 Hotel Faro

## Friday, June 09, 2017 (Post-Conference)

Fri1 – Technical Visit (visit to the CIMA Labs)

09:30 UAlg CIMA  
11:00 Labs

Coffee break

11:00 UAlg CIMA  
11:30 Labs

Departure to Ria Formosa trip

11:30 UAlg  
Bus Stop

Trip through the Ria Formosa

12:00

Lunch and Free time

13:30

Return to Faro

17:00