

PARALLEL SESION 1

Thursday, June 18th, 2015

09:00 – 11:15

Computer Aided Design & Virtual Prototyping

(AULA MASTER 1)

CHAIRMAN: BEATRIZ DEFEZ GARCÍA

09:00 “Multitemporal study of the use and land cover in the municipality of Urbano Santos, MA”

BORRALHO DE ANDRADE, Juliane; ROCHA DE MORAES REGO, Carlos Augusto;
OLIVEIRA DE CARVALHO, Alysson; CABRAL AMORIM, Francielle; LÓPEZ DE HERRERA,
Juan
University of Maranhão – Brasil

09:15 “Management and planning of urban trees by mobile mapping system”

BOMBÍN BOMBÍN, Eduardo; HERRERO-TEJEDOR, Tomás Ramón; PÉREZ-MARTÍN, Enrique; LÓPEZ
HERRERA, Juan Carlos; GARCÍA URIARTE, Óscar; EZQUERRA CANALEJO, Alejandra
Technical University of Madrid (UPM)

09:30 “Geoinformation as an aid to the response of the emergency services at industrial park”

MARTÍN ROMERO, Juan Luis; HERRERO-TEJEDOR, Tomás Ramón; PÉREZ MARTÍN, Enrique; LÓPEZ
HERRERA, Juan; EZQUERRA CANALEJO, Alejandra
Technical University of Madrid (UPM)

09:45 “MultiTemporal analysis of the use and land cover in Island of Maranhão”

BORRALHO DE ANDRADE, Juliane; ROCHA DE MORAES REGO, Carlos Augusto; OLIVEIRA DE CARVALHO,
Alysson; CABRAL AMORIM, Francielle; LÓPEZ DE HERRERA, Juan
University of Maranhão - Brasil

10:00 “Geovisualization of green spaces with augmented reality”

GALLEGO LARGO, Javier; HERRERO-TEJEDOR, Tomás Ramón; LÓPEZ HERRERA, Juan; PÉREZ MARTÍN,
Enrique
Technical University of Madrid (UPM)

10:15 “Analysis of the recovery of the design intent in redesigning over meshes”

MINGUEZ, Rikardo; ETXANIZ, Olatz; SOLABERRIETA, Eneko; BARRENETXEA, Lander; ARIAS, Agustín;
SIERRA, Egoitz
University of the Basque Country

**10:30 “Digital Image Correlation technique to validate results and hypothesis on the tests for
determination of properties of biological soft tissue”**

PEÑA BAQUEDANO, Juan Antonio; RUIZ-ALEJOS, David; MARTÍNEZ, Miguel A.; PEÑA, Estefanía
University of Zaragoza

10:45 “Exploration of a reference framework for graphic competence”

CORBELLA RIBES, David; UBIETO ARTUR, Pedro; SENTANA GADEA, Irene; MORER CAMO, Paz
Polytechnic University of Madrid

11:00 – 11:15 COLOQUIO Y DEBATE

PARALLEL SESION 2

Thursday, June 18th, 2015

09:00 – 11:15

Education, Learning & Knowledge Product Design

(AULA MASTER 2)

CHAIRMAN: JOSÉ IGNACIO ROJAS SOLA

09:00 “A proposal for active learning in groups and roles”

SERRANO, Ana; BIERDERMANN, Anna; ROMERO, Carlos
University of Zaragoza

09:15 “An experiment with Augmented Reality Applied to Education in Graphic Engineering”

GÓMEZ-JAUREGUI, Valentín; MANCHADO, Cristina; OTERO, César
University of Cantabria

09:30 “Review of the contents and methodology of the subject of Graphic Engineering”

ZAMORA, Raúl; RAMOS, Basilio; MELGOSA, Carlos
University of Burgos

09:45 “Graphic engineering in the academic curriculum in the Mechanical Engineering Degree”

MANCHADO, Cristina; GÓMEZ-JAUREGUI, Valentín; OTERO, César
University of Cantabria

10:00 “Use of lidar technology for detecting energy efficient roofs in urban areas”

SANTAMARÍA PEÑA, Jacinto; SANZ-ADÁN, Félix; MARTÍNEZ RUBIO, Alberto; VALBUENA RABADÁN,
Manuel Ángel
University of La Rioja

10:15 “SFM implementation in product design projects with derived specifications”

BIEDERMANN, Anna; SANTOLAYA, José Luis; SERRANO, Ana; LÓPEZ, Ignacio;
FERNÁNDEZ, Arantza; AGUDO, José María; SÁNCHEZ Belén
University of Zaragoza

10:30 “A new conceptual design of a 180° crate dumper machine”

CAVAS-MARTÍNEZ, Francisco; ANDREU HIDALGO, Alejandro; NIETO MARTÍNEZ, José; FERNÁNDEZ
CAÑAVATE, Francisco J.; FERNÁNDEZ PACHECO, Daniel G.
Technical University of Cartagena

10:45 “The use of mathematical functions in product design”

MARTIN AMUNDARAIN, Iñaki; ROMERO CUADRADO, Luis; DOMÍNGUEZ SOMONTE, Manuel
University of the Basque Country

11:00 – 11:15 COLOQUIO Y DEBATE