

PARALLEL SESION 1

Wednesday, June 17th, 2015

11:30 – 14:00

Computer Aided Design & Virtual Prototyping

(AULA MASTER 1)

CHAIRMAN: CÉSAR OTERO GONZÁLEZ

11:30 “3D Modeling and functional analysis of a Spanish articulated metal headframe for mineral extraction: comparative analysis with a masonry headframe”

ROJAS SOLA, José Ignacio; PALOMARES MUÑOZ, Isis
University of Jaén

11:45 “3D Digital techniques applied to new design products based on cultural heritage elements”

DE CÓZAR MACÍAS, Óscar David; FLORES RODRÍGUEZ, María Sonia; BLÁZQUEZ PARRA, Elidia Beatriz;
LADRÓN DE GUEVARA MUÑOZ, Carmen; MARÍN GRANADOS, Manuel Damián
University of Málaga

12:00 “Quantitative assessment of deforestation in Moulouya River watershed (Morocco) using an innovative remote sensing approach”

AGUILAR TORRES, Fernando José; NEMMAOUI, Abderrahim; AGUILAR, Manuel Ángel; CHOURAK, Mimoun; ZAGHLOUL, Yassine; GARCÍA LORCA, Andrés Miguel
University of Almería, University Mohammed I (Morocco)

12:15 “Geometric design for slate mine workings using keyblock method and photogrammetry”

MENÉNDEZ DÍAZ, Agustín; ORDÓÑEZ GALÁN, Celestino; BOUZA RODRÍGUEZ, José Benito; GARCÍA CORTES, Silverio
University of Oviedo

12:30 “Study space-temporal of São Luis (Upaon-açu) Island: Documentation and analysis of landscape and cultural heritage”

ROCHA DE MORAES REGO, Carlos Augusto; HERRERO-TEJEDOR, Tomás Ramón; PÉREZ MARTÍN, Enrique;
BORRALHO DE ANDRADE, Juliane; LÓPEZ HERRERA, Juan Carlos
Technical University of Madrid (UPM)

12:45 “Definition of the use of an Acoustic Methodology for its use in the representation of 2D geometric Objects”

SANTIAGO-PRADERAS, Víctor; MANCO, Antonio; DEFEZ, Beatriz; BRUSOLA Fernando, PERIS-FAJARNÉS Guillermo
Polytechnic University of València

13:00 “Analysis of the Integration Process of lightweight ceramic tile in the product line of ceramic companies”

PERIS FAJARNÉS, Guillermo; DEFEZ, Beatriz; LENGUA, Ismael; DUNAI, L.
Polytechnic University of València

13:15 – 14.00h COLOQUIO Y DEBATE

PARALLEL SESION 2

Wednesday, June 17th, 2015

11:30 – 14:00

Product Design
Product Manufacturing

(AULA MASTER 2)

CHAIRMAN: SERGIO RIZZUTI

11:30 “Design of detachable drum for a front load washer”

LADRÓN DE GUEVARA MUÑOZ, M^a Carmen; BLÁZQUEZ PARRA, Elidia Beatriz; MARAVER, Ana; CASTILLO RUEDA, Francisca José; LADRÓN DE GUEVARA LÓPEZ, Isidro
University of Málaga

11:45 “Airvortex: example of multidisciplinary design”

MIRALBES BUIL, Ramón; RANZ ANGULO, David
University of Zaragoza

12:00 “Methodology for a sustainable product design”

VELASCO ORTIZ, Carlos; LACASA FERRER, Enrike; SANTOLAYA SAENZ, José Luis
University of Zaragoza

12:15 “Direct Digital Manufacturing for sports and medical sciences”

CAZÓN, Aitor; MATEY, Luis; RODRÍGUEZ, María Isabel; MORER, Paz; GONZÁLEZ, Itziar
University of Navarra

12:30 “The golden ratio in product design”

MARTÍN AMUNDARÁIN, Iñaki; DOMÍNGUEZ SOMONTE, Manuel; ESPINOSO ESCUDERO, M^a del Mar
University of the Basque Country

12:45 “Application of plastic parts discretization for analyzing geometric demoldability”

MARTÍN DOÑATE, Cristina; MERCADO COLMENERO, Jorge Manuel; RUBIO PARAMIO, Miguel Ángel
University of Jaén

13:00 “Automated system for injection mold design and cost calculation. Objectives and opportunities”

MARTÍN DOÑATE, Cristina; MERCADO COLMENERO, Jorge Manuel; RUBIO PARAMIO, Miguel Ángel;
VIZÁN IDOIBE, Antonio; PÉREZ GARCÍA, Jesús M^a; MÁRQUEZ SEVILLANO, Juan de Juanes; AGUILERA
PUERTO, Daniel
University of Jaén

13.15h – 14.00h COLOQUIO Y DEBATE