

PARALLEL SESION 1

Friday, June 19th, 2015

09:00 – 11:30

Computer Aided Design & Virtual Prototyping

(AULA MASTER 1)

CHAIRMAN: JORGE GONZÁLEZ PRADA

09:00 “Integration of reverse engineering and dental mandibular dynamics”

SOLABERRIETA, Eneko; BRIZUELA, Aritza; FRAILE, Cristina; MINGUEZ, Rikardo; GARMENDIA, Asier;
ETXANIZ, Olatz; PRADIES, Guillermo
University of the Basque Country

09:15 “New tool for assessing changes in bone internal stress after a virtual surgery”

ROCES, Jorge; ÁLVAREZ, Rafael; ALONSO, Jorge; BORJA, Alexandra; CORUJO, Nicolás
University of Oviedo

09:30 “Virtual biomodelling of a biologic structure: the human cornea”

CAVAS-MARTÍNEZ, Francisco; FERNÁNDEZ PACHECO, Daniel G.; de la CRUZ-SÁNCHEZ, Ernesto; NIETO
MARTÍNEZ, José; FERNÁNDEZ CAÑAVATE, Francisco J.; ALIO, Jorge
Technical University of Cartagena

09:45 “Review of state of art of Augmented Reality”

ORIOZABALA BRIT, José Antonio; ESPINOSA ESCUDERO, M^a del Mar; DOMÍNGUEZ SOMONTE, Manuel
University of the Basque Country

10:00 “Design and development of a modular recumbent trike for different working scenarios”

CAVAS-MARTÍNEZ, Francisco; SANCHÍS CARAVANTES, Carlos; NIETO MARTÍNEZ, José; FERNÁNDEZ
CAÑAVATE, Francisco J.; FERNÁNDEZ-PACHECO, Daniel G.
Technical University of Cartagena

**10:15 “Designing for the real workforce: Human factors and ergonomics for the new workforce
inclusivity”**

GONZÁLEZ, Itziar; MORER, Paz
University of Navarra

10:30 “From Rapid Prototyping to Additive Fabrication”

ORIOZABALA BRIT, José Antonio; ESPINOSA ESCUDERO, M^a del Mar
University of the Basque Country

10:45 “The brainwriting as a method to foster creativity in product design”

RIZZUTI, Sergio
University of Calabria

11:00 “Design and Construction of an Electric Chisel for Underwater Applications”

SPADAFORA, Francesco; GALATI, Daniele; GALLO, Alessandro; BRUNO, Fabio; MUZZUPAPPA, Maurizio
University of Calabria

11:15 – 11:30 COLOQUIO Y DEBATE

PARALLEL SESION 2

Friday, June 19th, 2015

09:00 – 11:30

Education, Learning & Knowledge Product Design

(AULA MASTER 2)

CHAIRMAN: DAVID CORBELLA RIBES

09:00 “Generation of surface pattern designs and their application to products or environments: an interdisciplinary and creative activity in the engineering degree in industrial design and product development at the university of Zaragoza (Spain)”

SERRANO, Ana; BIEL, Pilar; PÉREZ-SINUSÍA, Ester; RODRIGO, Carmen; GRACIA, Rosario
University of Zaragoza

09:15 “Intrinsic relations between the orthogonal axonometric system and its associated obliques. Analytical proposal and graphic operations”

GONZAGA, Pedro; GIMENA, Lázaro; GIMENA, Faustino Nicolás; GOÑI, Mikel
Public University of Navarra

09:30 “Development of final degree’s projects in the field of graphic expression in engineering”

FERNÁNDEZ-VÁZQUEZ, Aránzazu; BIEDERMANN, Anna María
University of Zaragoza

09:45 “Cross-cultural product design: How to sensitize students of Industrial Design Engineering?”

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

10:00 “From Co-working to Multidisciplinary Group Dynamics in an interface design experience”

BIEDERMANN, Anna; LATORRE, Pedro; BALDASSARRI, Sandra; CERESO, Eva; COMA, Teresa; AGUELO, Antonio; LAGUENS, Miguel
University of Zaragoza

10:15 “Framework to develop ABET outcomes”

MARTÍNEZ MUNETA, M^a Luisa, LÓPEZ DE ÁVILA, Mario; CARRETERO DÍAZ, Antonio; HERNÁNDEZ BAYO, Araceli
Polytechnic University of Madrid

10:30 – 11:30 COLOQUIO Y DEBATE