

6º Congreso Internacional de Innovación Educativa en Edificación (CINIE 2022)

Desde 23-03-2022 Hasta 25-03-2022

Av. Juan de Herrera, 6, 28040 Madrid, España

Organizado por Departamento de Tecnología de la Edificación

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Programa

Wednesday, 23th March 2022/ Morning conferences	
	Entrance Hall
9:30 – 14:30	Registration / Documentation reception

Meeting Room	
10:30 - 11:00	<u>Opening session:</u> Dean of Universidad Politécnica de Madrid (U.P.M.), D. Guillermo Cisneros Pérez

11:00-12:00	Poster session 1 + coffee break
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Meeting Room	
12:00 - 12:30	<u>Inaugural Conference:</u> Full Professor at the Civil Engineering Department of the Faculty of Engineering of the University of Porto, Portugal D. Humberto Salazar Amorin Barum

Hall of Degrees	
SESSION 1 (PRESENTIAL SESSION)	
Conferences	Chair: Amparo Verdú Vázquez
12:30-12:50	(028) REVISITING THE IMPLICATIONS OF HIGHER EDUCATION FOR SUSTAINABLE DEVELOPMENT Marcos García Alberti; Juan Carlos Mosquera Feijoo; Isabel Chiyón Carrasco; Fernando Suárez Guerra
12:50-13:10	(030) CDIO APPROACH TO EXPERIMENTAL LABORATORY WORK Antonia Pacios Álvarez; Manuel Tarifa Crespo; Angel Paris Loreiro; Elisa Poveda Bautista
13:10-13:20	(009) LEARNING TECHNIQUES BASED ON PROJECTS, PROBLEMS RESOLUTION AND COEVALUATION IMPLEMENTATION ON TRADITIONAL LEARNING TECHNIQUE SUBJECT. PRACTICAL CASE ON UNIVERSIDAD POLITÉCNICA DE MADRID Rubén Muñoz Pavón; Lucía López-de Abajo; Marcos Garcia Alberti
13:20-13:50	(026) DIGITALLY-BASED TEACHING, STUDENT READINESS AND ENGAGEMENT TOWARD ACTIVE LEARNING IN STEM COURSES Sandro Andrés Martínez; Juan Carlos Mosquera Feijoo; David Santillán Sánchez; Luis Cueto-Felgueroso Landeira
13:50-14:10	(065) THE USE OF ICT FOR THE SUPPORT OF STUDENTS WITH SPECIFIC EDUCATIONAL SUPPORT NEEDS Lubna Morales de Paz; Manuel Álvarez Dorado

Thursday, 24th March 2022/ Morning conferences	
Hall of Degrees	
SESSION 2 (PRESENTIAL SESSION)	
Conferences	Chair: Daniel Ferrández Vega
10:00 – 10:20	(023) VENEZUELA. CONSTRUCTION PROBLEMS AND SUSTAINABLE CONSTRUCTION. COLLECTING DATA TO PUT THE PUZZLE TOGETHER. Part 1. Licia Pietrosevoli de Dikdan; Carlos Rodríguez-Monroy; Yilsy Nunez Guerrero
10:20 – 10:40	(029) AUTOMATING THE CREATION OF VR EXPERIENCES AS LEARNING PILLS FOR THE CONSTRUCTION SECTOR María Jesús Bopp; Felipe Muñoz La Rivera; Cayetano Sierra Martí; Javier Mora Serrano
10:40 – 11:00	(064) SMATH STUDIO: WRITING, MATHEMATICAL CALCULATION, PLOTTING AND PROGRAMMING FREE TOOL Jorge Pablo Díaz Velilla; Guadalupe Dorado Escribano; Alberto Morón; Alicia Zaragoza
11:00 – 11:20	(024) A SERVICE-LEARNING EXPERIENCE OF COLLABORATION BETWEEN THE UNIVERSITY AND SECONDARY EDUCATION TO PROMOTE VOCATIONS IN STEM STUDIES Sergio Blanco; Belén Muñoz-Medina; Marcos G. Alberti; Alejandro Enfedaque; María Teijeiro

11:30-12:30	Poster session 2 + coffee break
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Hall of Degrees

SESSION 3 (PRESENTIAL SESSION)	
Chair: M ^a Paz Sáez Pérez	
12:30-12:50	(016) HYBRID DIGITAL IDENTITY WORKSHOP USING INTERACTIVE TOOLS Oriol Borrás-Gené
12:50-13:10	(039) LEARNING ACTIVITIES FOR HUMAN DEVELOPMENT COORDINATED FOR THE PROJECT MODULE: COMPOSITION, PROJECTS AND URBANISM Iballa Naranjo Henríquez; Pablo Miguel De Souza Sánchez
13:10-13:30	(019) TEACHING LAB EQUIPMENT COMMISSIONING FOR HIGH PERFORMANCE MECHANICAL VENTILATION CLASSES BASED ON LEARNING BY DOING METHODOLOGY AND OPEN SOURCE TRENDS Alexander Martín-Garín; José Antonio Millán-García; Cristina Marieta-Gorriti; Iñigo Rodríguez-Vidal; Nacim Alilat; Abderrahmane Baïri
13:30-13:50	(020) TFM OR PFC. TIME CONSTRICTION, COLLECTIVE WORK AND PROGRAMMATIC FREEDOM AT THE ETSAM José Francisco García-Sánchez; Sergio Martin Blas

GLOCAL II, 24th March 2022



12:30 p.m. to 13:30 p.m., ETSEM – UPM

. Pilar Izquierdo Gracia: "GLOCAL: Summer Schools". **10 min.**

. M^a Aurora Flórez de la Colina: "GLOCAL: Some preliminary results of an Erasmus + Project, developed under an international pandemic". **10 min.**

. Dorota Gawryluk: "GLOCAL. Future of the city". **10 min.**

. Jurga Kučinskienė: "GLOCAL Glossary: an innovative learning tool to train future engineers in Europe". **10 min.**

. Alejandra Vidales: "GLOCAL – Sustainable cities", at ETSEM-UPM". **10 min.**

Questions and Discussion - Preguntas /Debate. 10 min.

Innovative training of future engineers responding to problems of contemporary cities, Erasmus+ 2019-1-PL01-KA203-065654

Formación innovadora de los futuros ingenieros, que responda a los problemas de las ciudades contemporáneas

Escuela Técnica Superior de Edificación de Madrid, Universidad Politécnica de Madrid,
Sala de Juntas (ETSEM - UPM), Avda. Juan de Herrera, 6 – 28040 Madrid, Spain

Friday, 25th March 2021/ Morning conferences	
Hall of Degrees	
SESSION 4 (PRESENTIAL SESSION)	
Chair: Manuel Álvarez Dorado	
10:00 – 10:20	(054) ANALYSIS OF THE INTERACTION OF ERASMUS EXCHANGE STUDENTS IN THE GROUP RESULTS. CASE OF THE SUBJECT OF SPANISH POPULAR CONSTRUCTION (III) Gregorio García López de la Osa; Sonsoles González Rodrigo; Pilar Izquierdo Gracia; Fernando Magdalena Layos; Beatriz González Rodrigo
10:20 – 10:40	(022) THE USE OF VIDEO AS A TOOL TO TEACH TO USE A SOFTWARE IN CIVIL ENGINEERING Lucía López-de Abajo; Rubén Muñoz Pavón; Marcos Garcia Alberti
10:40 – 11:00	(027) LEARNING THROUGH SUBJECTS INTERCONNECTION: COORDINATION AND TRANSVERSALITY OF DISCIPLINES IN THE DEGREE IN TECHNICAL ARCHITECTURE OF THE EPS OF ZAMORA (UNIVERSITY OF SALAMANCA) María Ascensión Rodríguez-Esteban; María Almudena Frechilla-Alonso; Ana Belén González Rogado; Susana Nieto Isidro; Ana Belén Ramos-Gavilán

11:00– 11:20	(031) CONSTRUCTION COMPREHENSION BY MODELING. THE CASE OF THE STARICASE OF LINA BO BARDI Fernando Altozano García
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11:30-12:30	Coffee break
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Meeting room	
12:30-13:00	<u>Closing plenary conference:</u> Consejo General de la Arquitectura Técnica de España
13:00-13:15	<u>Closing session:</u> Dean of Department “ Tecnología de la Edificación” ETSEM- UPM D. Carlos Morón Fernández