

XIII Conference on Transport Engineering, CIT2018

"XIII Conference on Transport Engineering (CIT 2018)"

"Pablo Luque, Daniel A. Mántaras"

"Universidad de Oviedo, Gijón 33203, Spain"

© 2018 The Authors. Published by Elsevier Ltd.

This is an open access article under the CC BY-NC-ND license (<https://creativecommons.org/licenses/by-nc-nd/4.0/>)

Selection and peer-review under responsibility of the scientific committee of the XIII Conference on Transport Engineering, CIT2018.

The XIII Conference on Transport Engineering (CIT 2018) was held in Gijón (Spain), from 6-8 June 2018. The CIT2018 took place in the Polytechnic School of Engineering of Gijón (Universidad de Oviedo- Campus of Gijón) and Laboral City of Culture.

The theme of the CIT 2018 was: "New challenges in transport: less is more". With this theme arises that the principal challenge of the transport of the future is to generate a set of solutions that minimize the current problems. Is for this reason that less negative effects involves a transportation more accessible, efficient, sustainable, safe, economical, valued...

CIT is promoted by the Transport Engineering Forum (FIT), a non-profit academic organization, whose aim is to promote and organize the conference, as well as to ensure its quality and orientation.

This Special Issue includes 45 papers selected from those presented at the XIII Conference on Transport Engineering. The majority of cases they are case studies with an applicative approach.

Venue

The Campus of Gijón is located in an ample natural zone of the Viesques neighborhood and has a markedly technical profile, since it hosts the engineering degrees and studies and takes advantage of the synergies created by its proximity to the Scientific and Technological Park of Gijón.

Laboral City of Culture is the result of a transformation project the Government of the Principality of Asturias undertook in 2001 in order to give new life to the building of the old Laboral University of Gijón.

The project became a reality in March 2007: it was the birth of La Laboral City of Culture, an open and plural 21st Century cultural city, offering space for all kinds of shows and leisure proposals.

The headquarters of the Principality of Asturias Broadcasting Corporation in the old Convent of Clarissa nuns, LABoral Art and Industrial Creation Centre, the Integrated Professional Training Centre, the Corinthian Patio housing the Reception, the Tower, the College of Dramatic Art, the Professional Music Conservatory of Gijón, the Church, the Café, the Theatre, the Auditorium and the Jovellanos University College, are some of the spaces with their headquarters in the City of Culture.

Thematic Areas

1. Infrastructure design.
2. Vehicles, rolling stock and equipment.
3. Planning.
4. Management and operation.
5. Communication and control.
6. Safety.
7. Sustainability.
8. Transport economy.
9. Modelling and simulation.
10. General.

Organizing Committee - Local Coordinators

Daniel Álvarez Mántaras
Pablo Luque Rodríguez

Scientific Committee

| | |
|------------------------------|--|
| Dr. Alberto Camarero Orive | Dr. José Manuel Vassallo Magro |
| Dr. Alfonso Orro Arcay | Dr. José María Coronado Tordesillas |
| Dr. Alfredo García García | Dr. José María del Castillo Granados |
| Dra. Ana María Pérez Zuriaga | Dr. José María Díaz y Pérez de la Lastra |
| Dra. Ana Rivas Álvarez | Dr. José María López Martínez |
| Dr. Andrés Monzón de Cáceres | Dr. José María Menéndez Martínez |
| Dr. Ángel Aparicio Mourelo | Dr. José Vicente Colomer Ferrándiz |
| Dr. Ángel Ibeas Portilla | Dr. Juan Carlos García Palomares |
| Dr. Ángel Vega Zamanillo | Dr. Juan de Oña López |
| Dr. Aniceto Zaragoza Ramírez | Dr. Juan Francisco Coloma Miró |
| Dr. Antonio García Pastor | Dr. Juan Francisco Dols Ruiz |
| Dr. Antonio Torres Martínez | Dr. Julián Sastre González |
| Dr. Armando Ortuño Padilla | Dra. Laura Garach Morcillo |
| Dra. Begoña Guirao Abad | Dr. Luigi dell'Olio |
| Dra. Blanca Arenas Ramirez | Dr. Luis Cadarso Morga |
| Dr. Borja Alonso Oreña | Dr. Luis Castejón Herrer |
| Dr. Carlos Llorca García | Dr. Luis Onieva Giménez |
| Dra. Clara Zamorano Martín | Dr. Magín Campos Cacheda |
| Dr. Daniel Álvarez Mántaras | Dr. Manuel Romana García |
| Dr. Daniel de la Hoz Sánchez | Dra. Margarita Novales Ordax |
| Dra. Elvira Maeso González | Dra. María Castro Malpica |
| Dr. Emilio Larrodé Pellicer | Dra. María Eugenia López Lambas |
| Dr. Francesc Astals Coma | Dra. María Inmaculada Gallego Giner |
| Dr. Francesc Robusté Antón | Dra. Marta García García |

Dr. Francesc Soriguera Martí
Dr. Francisco Aparicio Izquierdo
Dr. Francisco García Benítez
Dr. Francisco Javier Calvo Poyo
Dr. Francisco Javier Camacho Torregrosa
Dra. Griselda López Maldonado
Dr. Hernán Gonzalo Orden
Dr. Jaime Sanmartín Arce
Dr. Javier Gutiérrez Puebla
Dr. Jesús Muñuzuri Sanz
Dr. Johan Wideberg
Dr. José Luis Miralles García
Dr. José Luis Moura Berodia

Dra. Marta Rojo Arce
Dr. Miguel Ángel Estrada Romeu
Dr. Miguel Rodríguez Bugarín
Dr. Pablo Luque Rodríguez
Dr. Publio Pintado Sanjuan
Dr. Ricardo Insa Franco
Dra. Rocío de Oña López
Dra. Rosa Marina González Marrero
Dr. Samir Awad Núñez
Dr. Santos Sánchez-Cambronero García-Moreno
Dr. Sergi Saurí Marchán
Dr. Tomás Ruiz Sánchez

FIT

The Transport Engineering Forum (FIT) has the task of convening and developing the Transport Engineering Conference, as well as promoting activities related to any of the Transport Engineering areas, both at national and international level.

The Transport Engineering Forum (FIT), on the basis of Article 22 of the Spanish Constitution, is a non-profit association aiming to convene and develop the Transport Engineering Conference, as well as promoting activities related to any of the Transport Engineering areas, both at national and international level.