



## ERCOFTAC Spring Festival & Committees Meetings

**15-16 May 2014**

[ETSEIAT \(Terrassa School of Industrial and Aeronautical Engineering\)](#)

Building TR5, C. Colom, 11, 08222 Terrassa, Spain

### **HOW TO ARRIVE**

Terrassa is a city in the east central region of Catalonia, in the comarca of Vallès Occidental, of which it is the cocapital along with Sabadell. It is well connected with Barcelona's port and airport by highway and railway. Two railway lines serve the city. The first, operated by RENFE, connects with Barcelona and the Airport, and the second, operated by FGC, with Barcelona. Transport inside the city is provided by 14 bus lines operated by a municipal company (Municipals d'Egara).

ETSEIAT (Terrassa School of Industrial and Aeronautical Engineering) is located in very close to the city centre. Address: **c. Colom, 11**. <http://www.etsaiat.upc.edu/contact>

If you come by car, you can leave it in the University parking. You can get to the parking by c. Ramón y Cajal 44 (parallel to c. Colom). At the barrier just press the button and tell that you come to the ERCOFTAC Festival.

### **From the Airport to Terrassa:**

- By car (30-35 minutes): Take Ronda de Dalt Highway (B-20). Take exit 6 (Sarrià) and head towards Highway C-16 (Túnel de Vallvidrera). Take exit 21 towards Terrassa Centre.  
<http://goo.gl/maps/Lo7Hh>
- By Train (1h 30min): Take train (RENFE) towards Barcelona (line R2) and change in Barcelona Sants to line R4, which runs towards Terrassa or Manresa. Get off at “Terrassa” (NOT at “Terrassa Est”).
- A taxi run should cost around 40 €.

### **From the Airport to Barcelona:**

The train stops at different parts of the city, but the fastest and easier way is to take the “Aerobus” which also stops at different centric locations, <http://www.aerobusbcn.com/>. A taxi run to the city centre should cost around 25 €.

### **From Barcelona to Terrassa:**

- By car: Exit the city towards highway C-16 and take exit 21 or towards highway C-58 and take exit 17.
- By train: From the station Barcelona Sants, take RENFE line R4 towards Terrassa or Manresa. Get off at “Terrassa” (NOT at “Terrassa Est”). From other centric locations such as Plaça Catalunya, Provença or Gràcia, take FGC trains towards Terrassa (line S1) and get off at Terrassa.
- A taxi run should cost around 35 €.

Both RENFE and FGC trains run with a 10-15 minute frequency.

RENFE timetables: <http://www.renfe.com/viajeros/cercanias/barcelona/index.html>

FGC timetables: <http://www.fgc.cat/eng/index.asp>

From both train stations to the University there is a 10-15 minutes nice walk through the city centre. There are also multiple local buses that can take you to the University. A taxi run from any of the stations should cost no more than 7 €.

**Terrassa buses to the University:** Lines and timetables in <http://www.tmesa.com/>.

From FGC Rail Station: Lines 1, 3 and 6.

From RENFE Rail Station: Lines 1, 3, 6, 7 and 10.

From Hotel Don Cándido: Line 6.

From Hotel Terrassa Park: Line 7.

## **ACCOMODATION IN TERRASSA**

There are two Hotels and a University residence.

Don Cándido Hotel. \*\*\*\*

Rambla Pare Alegre, 98

<http://www.hoteldoncandido.com/>

Terrassa Park Hotel. \*\*\*

Avenida Santa Eulalia, 236

<http://www.hotelterrassapark.com/>

Francesc Geralt i Serrà Residence.

Prices around 35 euros depending on room. Booking by e-mail to the residence. giralt@resa.es.

C/ Ramón y Cajal, 44

<http://www.resa.es/eng/Residences/Francesc-Giralt-i-Serra/location>

## **DINNER**

Gala dinner will take place on the 15<sup>th</sup> at “Hostal del Fum” Restaurant, next to Don Cándido Hotel.

<http://hostaldelfum.com>

## **MAPS**

All places on interest (University, accomodation, train stations, and restaurants) are marked in the following map.

<https://mapsengine.google.com/map/edit?mid=zKK62Uv3pVi0.kZYbPBgHXaoM>

## PRELIMINARY PROGRAMME

15th May 2014

All presentations will take place in the conference room.

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|--------------|---|
| <b>9:30</b>  | <b>Registration</b>   |
| 10:00        | Welcome and presentation of Iberian Pilot Centres.<br>D. del Campo and V. Theofilis   |
| 10:10        | Research activities in Fluid Power and Casting iron flows in LABSON-UPC.<br>R. Castilla   |
| 10:30        | CMT-Motores Térmicos research activities related to ERCOFTAC.<br>X. Margot (UPV)  |
| <b>10:50</b> | <b>Coffee break</b>   |
| 11:20        | Entrainment in Environmental flows.<br>J.M. Redondo (UPC, Barcelona), P.L. González-Nieto and C. Yague (UCM, Madrid).   |
| 11:40        | Turbulent intermittency<br>O.B. Mahjoub (UAE, Tánger), I.R. Cantalapiedra, C. Mosso and M. Díez. (UPC, Barcelona).  |
| 12:00        | Turbulence and combustion measurement experiences in ITEA research group at University Carlos III of Madrid.<br>M. Legrand, A. Lecuona and J.I. Nogueira  |
| <b>12:20</b> | <b>Lunch</b>  |
| 14:20        | Experimental and 3D numerical simulation of an Odgaard Vane<br>V. Medina and A. Bateman (UPC, Barcelona)  |
| 14:40        | Current state and new challenges in DNS and LES at the CTTC (Centre Tecnològic de Transferència de Calor of the UPC). Application on aerodynamic problems.<br>O. Lehmkuhl and A. Oliva (UPC, Barcelona) |
| 15:00        | Thermoelectric driven Convection: The Velarde Challenge.<br>J.M. Sanchez (Berotza, Pamplona) and J. Tellez (UPC, Barcelona)   |
| <b>15:20</b> | <b>Coffee break</b>   |
| 15:50        | Turbulence in competitive swimming.<br>J.M. Terrés-Nicoli, R. Arellano, M. Lloret, L. Sotillos (University of Granada), and J.M. Redondo (UPC, Barcelona).  |
| 16:10        | Wind Power and electrokinetics research activities at L'AIRE Group.<br>V. del Campo and M. Sureda (UPC, Barcelona).   |
| 16:30        | Presentation of the ERCOFTAC Moroccan PC.<br>O.B. Mahjoub (UAE, Tánger).  |
| <b>20:30</b> | <b>Dinner at restaurant "Hostal del Fum"</b>  |

**16th May 2014**

Committees Meetings

Morning :

- SPC meeting, room: "Expo-Sala"
- KNC meeting, room: "Seminar 1"

Afternoon:

- EC meeting, room: "Expo-Sala"
- Meeting agendas will be available at a later date.