

Information for Conference Participants

The City of Porto

Porto, also Oporto in English, is Portugal's second city and capital of the North region. The city is located in the Atlantic coast in the estuary of the Douro river in northern Portugal.

Historic references to the city go back to the 4th century and to Roman times, although Celtic and Proto-Celtic remnants of ancient Citadels were found in the heart of where Porto now lies. The major touristic attraction is the historic city centre which is classified by UNESCO as a World Heritage site. The major architectural highlights include the Oporto Cathedral (the oldest surviving structure), the gothic Igreja de São Francisco (Church of Saint Francis) with its elaborate gilt work interior decoration in the baroque style, the Igreja e Torre dos Clérigos (Church and Tower of Clerics). The neoclassicism and romanticism of the 19th and 20th centuries also added interesting monuments to the landscape of the city, like the Stock Exchange Palace (Palácio da Bolsa), with its magnificent Arab Room, and the tile-adorned São Bento Train Station. Another touristic highlight is Serralves, a contemporary art museum, with its surrounding gardens and Art Deco Villa. No visit to Porto would be complete without a stroll to Gaia (on the south bank of Douro), a visit to the Port Wine Cellars and a taste of the world famous Port Wine.

If you have the opportunity to extend your stay in Porto you can explore the Minho region, just north of Porto. There you can visit Guimarães, with its city centre also classified as World Heritage Site, and Braga. Alternatively, you can take a river cruise upstream the Douro river and visit the home of the Port Wine: the Alto Douro wine region, with its typical terraced vineyards along the Douro valley.

During your stay in Porto you will also be able to try the ample traditional Portuguese cuisine based on the Mediterranean diet, rich on vegetables, fresh fish and shellfish. The king of portuguese dishes' is the codfish (*bacalhau*), cooked in more than a thousand different manners. Traditional Portuguese cooking is a five star pleasure! Typical dishes from Porto are the Tripas à Moda do Porto (Tripes Porto style) and Francesinha (literally Frenchy), a kind of sandwich with several meats covered with cheese and a special sauce made with beer and other ingredients.

Useful Information

- **Climate**

Average temperatures in April: High 17°C (63°F) and Low 8°C (46°F).

- **Shopping Hours**

Shops are generally open from 10.00 to 13.00 and from 14.30 to 19.00 hours, Mondays through Saturdays. Department stores and malls usually open from 10.00 to 23.00 and do not close for lunch.

- **Banks**

Banks open from Monday to Friday from 8.30 to 15.00. Almost every bank has a 24-hours cash machine.

- **Public Transportation**

An extensive public transportation network covers the whole city of Porto, including five metro lines and public buses which travel to any part of the city. Tickets, called *Andante* card, are valid for metro and buses and can be bought at metro stations and major bus stops. You can buy a card with a single ticket (Z2: 0.90 €) or with 10 + 1 tickets (Z2: 9 €). You need to buy the first *Andante* card (0.5 €), afterwards you can recharge it with additional tickets. The lowest fare is Z2, which is valid to travel within the city limits. There also 1 day (5 €) and 5 day (11 €) travel passes, valid in the entire network. The metro runs from 6:00 am to 01:00 am.

Please note: each *Andante* card can only be used by one person per trip and must always be validated – whenever a journey is commenced, whenever the means of transport changes and independently of ticket type.

- **Restaurants**

Portuguese eating habits are characterized by heavy/full and long meals. Lunch, often lasting over an hour is served between noon and 2 o'clock and dinner is generally served late, around or after 8 o'clock. Most restaurants open from 12:00 to 14:00 for lunch and from 21:00 to 23:00 for dinner. Some tourist and informal places have longer opening hours.

- **Electricity Supply**

Electricity is supplied at 220 V - 50 Hz AC with European norm plugs.

How to reach Porto

- **by plane**

Getting to Porto is easy and convenient. There are direct flights from all major European cities, and from all over the world via Lisbon. You will have no problem checking with your travel agent.

The airport is about 15 km from the city centre. You can reach the city centre by taxi, by metro or by bus.

A ride to the conference hotel and city centre is around 25.00 €. Volumes exceeding 55x36x20cm needing to be carried in the luggage compartment are charged 1.50 €.

There is also a metro line from the airport to the city centre: line E (violet). To reach the conference location you need to transfer at the Trindade Station and catch the D line (yellow), direction Hospital São João. The metro runs from 6:00 am to 01:00 am. You need to buy a Z4 ticket (1.45 €), see details above.

- **by train**

There are comfortable trains from Lisbon, *Alpha* and *Intercidades*. The train station is *Estação de Campanhã*, where you can take the metro to the city centre. For information about timetables and prices visit the site of CP (<http://www.cp.pt>).

Conference Location

The venue for the EU/MEeting 2009 is the Polytechnic School of Engineering of Porto (ISEP). It is located in the north of Porto and very close to the conference hotel and the metro line D (yellow) station *IPO*.

Address:

Instituto Superior de Engenharia do Porto
Rua Dr. António Bernardino de Almeida, 431
4200-072 Porto
Portugal
<http://www.isep.ipp.pt>

**Registration**

The registration desk will be held at room *Secretariado* (on the 1st Floor) on Wednesday 29th April, from 9:00 a.m.

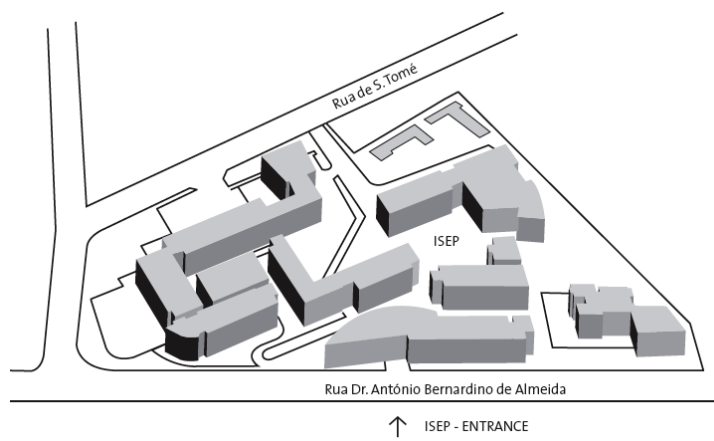
Presentations

Presentations should not take more than 30 minutes, including discussion. The conference will be on room *Auditório E* (also on 1st floor), which is equipped with video projector and computers.

Internet Access

ISEP is member of the EDUROAM initiative, the roaming infrastructure used by the international research and education community that allows EDUROAM users to access a wireless network at a visited institution. If you are member of a EDUROAM institution just open your laptop and be online. There will be also a room (*Sala de Reuniões*) with ethernet sockets to connect laptops (we suggest participants to bring their own ethernet cable).





Lunches and Coffee-Breaks

- **Lunches**

Participants can have lunch at the conference location for €5.50 per day. Lunch includes soup, main dish, dessert and water. Other beverages have to be paid separately. All participants willing to have lunch at the conference venue, should send an e-mail to **eumeeting2009@inescporto.pt** expressing that. Payment will have to be made on the 29th of April, during registration. Lunches will be on room *Sala de Refeições*.

- **Coffee Breaks**

Coffee and biscuits will be served during scheduled coffee breaks.

Get-Together

An informal get-together will take place on Wednesday, at 20:00, April 29 (on a pay yourself basis) at a restaurant on the left bank of Douro river, facing the oldest area of Porto. Do please let us know if you intend to join, so that we can make the necessary arrangements.

Restaurant:

República da Cerveja
 Cais de Gaia
 4400-161 Vila Nova de Gaia
 Telefone: 22 374 74 00
 Fax: 22 374 74 09

Take the metro (line G, yellow) to *Estação de São Bento*, walk down to *Ribeira* on the river bank, cross the river on bridge *D. Luís I* (lower level) and walk down to the buildings on the river bend. You will need around 45 minutes to reach the *República da Cerveja* restaurant.



Accommodation

The Organizing Committee of EU/MEeting 2009 has pre-booked some rooms in Hotel Ibis S. João, close to the conference location. Please remember that the number of rooms is limited and that rooms are only guaranteed until March 30, 2009. When booking at this hotel do please refer to "ISEP - EU/MEeting2009".

Hotel Ibis Porto São João
 Rua Dr Placido Costa
 4200-450 - PORTO - PORTUGAL
 Tel : (+351)22/5513100
 Fax : (+351)22/5513101
<http://www.ibishotel.com/gb/hotel-3227-ibis-porto-sao-joao/index.shtml>



This hotel is at 2 minutes walking from the conference location. There is a direct metro line to the center of Porto, with a station 1 minute away from the hotel.

Useful Links

- EU/MEeting 2009 – <http://www.dcc.fc.up.pt/eume2009/>
- EU/ME — <http://webhost.ua.ac.be/eume/>
- ISEP – <http://www.isep.ipp.pt/>
- Hotel Ibis São João – <http://www.ibishotel.com/gb/hotel-3227-ibis-porto-sao-joao/index.shtml>
- Porto Turismo – <http://www.portoturismo.pt/>
- Metro do Porto – <http://www.metroporto.pt/>
- STCP – <http://www.stcp.pt/>
- Aeroporto F. Sá carneiro – http://www.ana.pt/portal/page/portal/ANA/AEROPORTO_PORTO/
- CP – <http://www.cp.pt/>
- Google Map — <http://maps.google.com/maps/ms?hl=en&ie=UTF8&oe=UTF8&msa=0&msid=114152777408396939022.000467ea9c2431d413dca&ll=41.166379,-8.607359&spn=0.069524,0.114155&z=13>

Program Overview

	April 29	April 30	
9:00	Registration		9:00
9:30	Opening Session		9:30
9:45	Invited Talk 1	Invited Talk 4	
10:30	Coffee break	Coffee break	10:30
11:00	Session 1	Session 4	11:00
12:30	Lunch	Lunch	12:30
14:00	Invited Talk 2	Invited Talk 5	14:00
15:00	Session 2	Session 5	15:00
16:00	Coffee break	Coffee break	16:00
16:30	Session 3	Session 6	16:30
17:30	Invited Talk 3	Roundtable	17:30
18:30		Closing Session	18:15 18:30
19:30	Get together		
20:00			
20:30			

Scientific Program Schedule

Wednesday 29th April

9h30 – 9h45

Opening Session

Chairperson: Ana Viana

Welcome

9h45 – 10h30

Invited Talk 1

Chairperson: A. Miguel Gomes

Electronic design: a new field of investigation for large scale optimization

Marc Sevaux, André Rossi, Kenneth Sörensen

11h00 – 12h30

Session 1

Chairperson: J. Soeiro Ferreira

1.1 – Genetic Algorithm and Memetic Algorithm with Vocabulary Building for the SONET Ring Assignment Problem

Ana Silva, Eberton Marinho, Wagner Oliveira, Dario Aloise

1.2 – A memetic algorithm for multi-objective integrated logistics network design

Mir Saman Pishvaei, Reza Zanjirani Farahani, Wout Dullaert

1.3 – Creativity, Soft Methods and Metaheuristics

José Soeiro Ferreira

14h00 – 15h00

Invited Talk 2

Chairperson: M. Teresa Costa

Applications of metaheuristics to optimization problems in sports

Celso C. Ribeiro

15h00 – 16h00

Session 2

Chairperson: Teresa Galvão

2.1 – Computational Experience with GRASP for a Maximum Dispersion Territory Design Problem

Roger Z. Ríos-Mercado, Elena Fernández, Jörg Kalcsics, Stefan Nickel

2.2 – A Binary Particle Swarm Optimization Algorithm for the Maximum Covering Problem

Bruno Prata, Jorge Pinho de Sousa, Teresa Galvão

16h30 – 17h30

Session 3

Chairperson: Mike Wright

3.1 – On Portfolio Selection using Metaheuristics

Abubakar Yahaya, Mike Wright

3.2 – Heuristic Search for the Stacking Problem

Rui Jorge Rei, João Pedro Pedroso

17h30 – 18h30

Invited Talk 3

Chairperson: Jorge Pinho de Sousa

Annual planning of harvesting resources in the forest industry

Mikael Ronnqvist

Thursday 30th April

9h30 – 10h30

Invited Talk 4

Chairperson: João Pedro Pedroso

SLS Algorithms Engineering

Thomas Stützle

11h00 – 12h30

Session 4

Chairperson: Richard Hartl

4.1 – Application of Pareto Local Search and Multi-Objective Ant Colony Algorithms to the Optimization of Co-Rotating Twin Screw Extruders

C. Teixeira, J.A. Covas, T. Stützle, A. Gaspar-Cunha

4.2 – Multi-Objective Memetic Algorithm using Pattern Search Filter Methods

F. Mendes, V. Sousa, M.F.P. Costa, A. Gaspar-Cunha

4.3 – Metaheuristics for the Bi-Objective Orienteering Problem

Michael Schilde, Karl F. Doerner, Richard F. Hartl

14h00 – 15h00

Invited Talk 5

Chairperson: Celso C. Ribeiro

Applications of meta-heuristics to traffic engineering in IP networks

Bernard Fortz

15h00 – 16h00

Session 5

Chairperson: Paola Festa

5.1 – Iterated Density Estimation Evolutionary Algorithm with 2-opt local search for the vehicle routing problem with private fleet and common carrier

Jalel Euchi, Habib Chabchoub

5.2 – Solving a bus driver scheduling problem with randomized multistart heuristics

Renato De Leone, Paola Festa, Emilia Marchitto

16h30 – 17h30

Session 6

Chairperson: Eduarda Pinto Ferreira

6.1 – An hybrid approach to the Rectangle Packing Area Minimization Problem

Marisa J. Oliveira, Eduarda Pinto Ferreira, A. Miguel Gomes

6.2 – A Combined Local Search Approach for the Two-dimensional Bin Packing Problem

T. M. Chan, Filipe Alvelos, Elsa Silva, J. M. Valério de Carvalho

17h30 – 18h15

Roundtable

Chairperson: José F. Oliveira

Debating the future: new areas of application and innovative approaches

Bernard Frotz, Mikael Ronnqvist, Kenneth Sörensen, Thomas Stützle

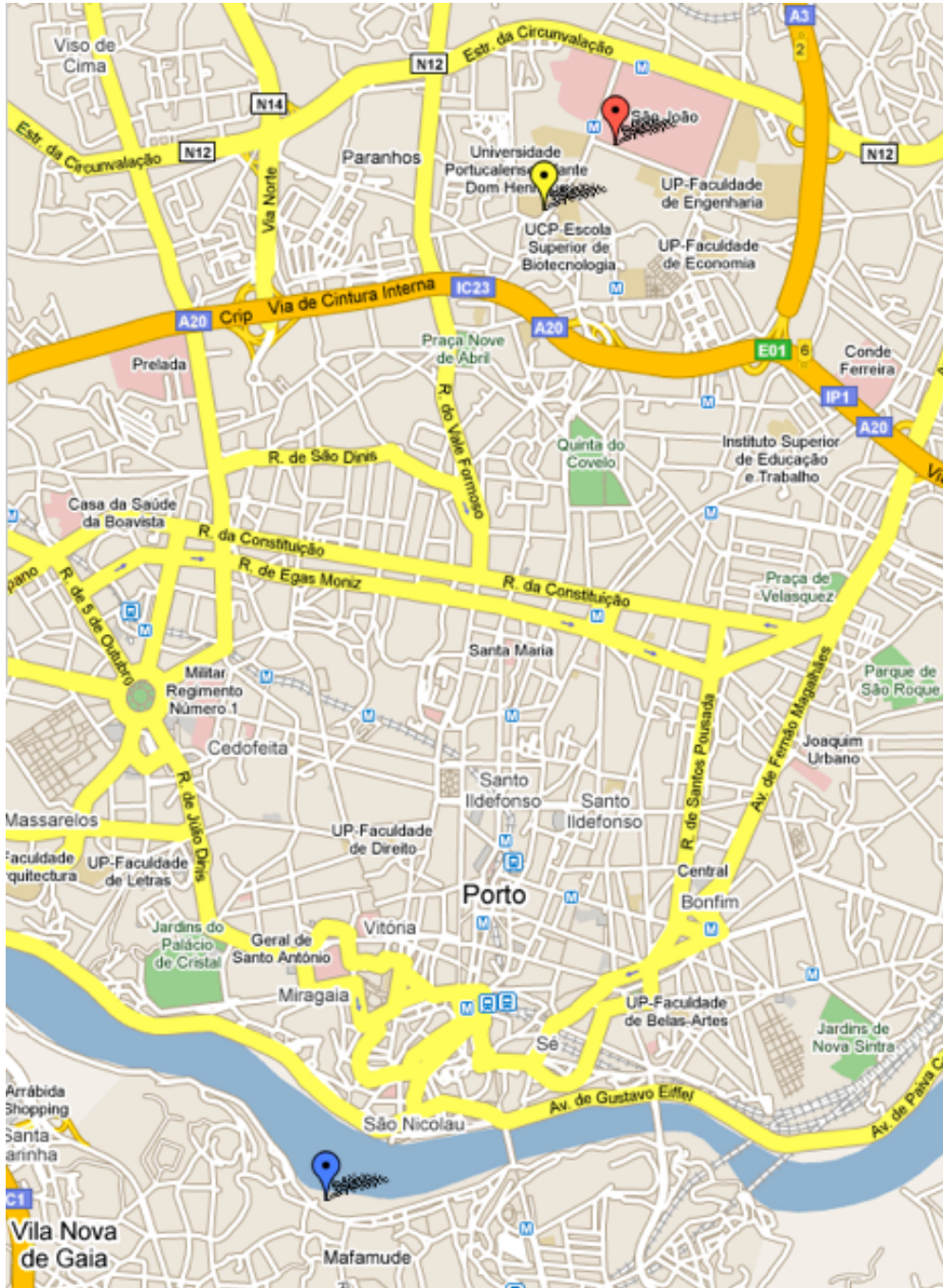
18h15 – 18h30

Closing Session

Chairperson: Ana Viana

Closing notes

Porto Map



- ISEP: Rua Dr. António Bernardino de Almeida, 431, 4200-072 Porto (yellow mark)
- Get-together (República da Cerveja): Cais de Gaia, 4400-161 Vila Nova de Gaia (blue mark)
- Ibis Hotel: Rua Dr Plácido Costa, 4200-450 Porto (red mark)