

CPT

3rd International Seminar

on the occasion of

befips 2014

FEUP
Room B002
4th July 2014

Co-organized by:



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Introduction

BEFIPS, the international partnership between six Nation Members of ITA-AITES (Belgium, Spain, France, Italy, Portugal and Switzerland), will meet at Porto on July 3rd.

On the occasion of the BEFIPS 2014 an international seminar on underground works and engineering will be held on July 4th at the Faculdade de Engenharia da Universidade do Porto.

First, this event aims at presenting some of the most recent and relevant works or research topics from each participating country. The five national presentations will happen during two morning sessions.

Second, the Portuguese contribution in underground projects in several countries, namely in the Middle East, South America and Africa will be addressed in the afternoon sessions. This is a key issue on the activity of the major Portuguese companies, both contractors and design consultants.

The Comissão Portuguesa de Túneis (CPT) and the Faculdade de Engenharia da Universidade do Porto (FEUP), would be more than happy to welcome both underground engineering specialists and civil, geotechnical and mining engineering students in this event.

Date and venue

4th July 2014

Faculdade de Engenharia da Universidade do Porto
 Rua Dr. Roberto Frias • 4200-465 Porto • PORTUGAL

Organizing Committee

J. Bilé Serra *CPT/LNEC*
 A. Topa Gomes *SPG/FEUP*
 F. Melâneo *CPT/ISEL*

L. Miranda *CPT/LNEC*
 R. Camposinhos *CPT/Consulgal*

Registration Form by e-mail

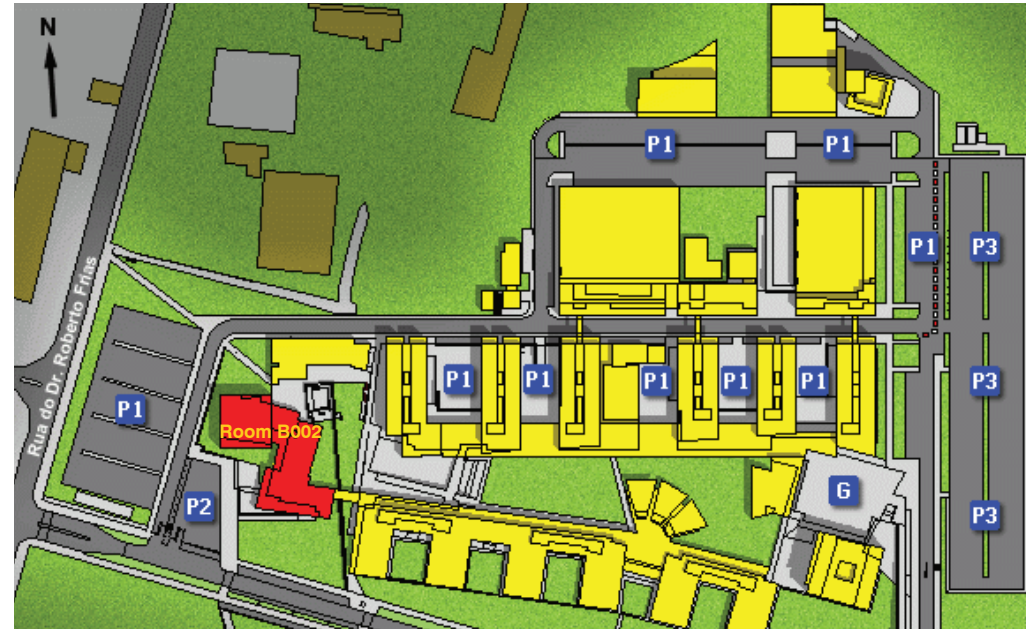
E-mail to spg@lnec.pt with fiscal details for invoice.

Registration fees

Participants 55 €
 SPG members 45 €
 OE members 45 €
 Students 10€

Payment

Bank Transfer (free of charge)
 Bank: Barclays
 NIB: 0032 0123 00201519764 42
 IBAN: PT50 0032 0123 0020 1519 7644 2
 Swift code of the Bank: BARCPTPL



Secretariat

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Programme

9:15 Opening session

9:30 **Session 1** (lectures in English)

Chairman: Prof. Matos Fernandes (FEUP)

9:30 Ing. Johan Mignon (ABTUS-BVOTS, Wayss & Freytag Ingenieurbau)
The railway Liefkenshoek tunnel, the longest bored tunnel in Belgium

10:00 Ing. Miguel Fernandez-Bollo (AETOS)
International experience of AETOS Institutional Members

10:30 Ing. Michel Deffayet (AFTES, CETU)
New recommendations for risk management and on going investigation

11:00 Coffee-break

11:30 **Session 2** (lectures in English)

Chairman: Eng^o Costa Simões (EPOS)

11:30 Ing. Martin Bosshard (SIA-FUG, Basler&Hofmann)
The Zurich Cross Rail - Tunnelling the City's Challenging Ground -
Highlights

12:00 Eng^o J. Bilé Serra (CPT, LNEC)
Probabilistic based criteria for structural performance evaluation of
underground works

12:30 Lunch

14:00 **Session 3** (presentations in Portuguese, English translation)
Chairman: Eng^o Celso Lima (EDP, FEUP)

14:00 Prof. Campos e Matos (GEG, FEUP)
Construção de túneis e gestão de custos. Modelos de partilha de risco
entre o dono de obra e o construtor

14:20 Eng^o Rui Camposinhos (Consulgal, CPT)
Experiência Internacional da Consulgal em Obras Subterrâneas

14:40 Eng^o Mira Fernandes (Elsamex)
Projecto e Construção de Túneis Rodoviários na Índia

15:00 Eng^o Carlos Baião e Eng^o Miguel Conceição (CENOR)
Metro de Argel. Linha 1 – Extensão A – Place Emir Abdelkader – Place
des Martyrs. Concepção geral das obras subterrâneas

15:20 Eng^o Frederico Melâneo (Ferconsult, CPT)
Infra-estruturas subterrâneas para transportes

15:40 Debate

16:00 Coffee-break

16:20 **Session 4** (presentations in Portuguese, English translation)
Chairman: Eng^o Pinto da Cunha (LNEC, CPT)

16:40 Eng^o Luís Gonçalves (EPOS)
EPOS – 2004/2014 uma experiência de internacionalização

17:00 Eng^o João Monteiro (Soares da Costa)
Alguma da experiência internacional da Soares da Costa na área dos
túneis

17:20 Eng^o Francisco Sécio (Consultor)
Consultoria internacional de infra-estruturas de transportes.
Oportunidades decorrentes da crise económica.

17:40 Dr. Raúl Pistone and Eng^a Sandra Ferreira (COBA)
Obras Subterrâneas para grandes Aproveitamentos Hidroeléctricos em
Angola

18:00 Debate

18:10 Closure