

PARTICIPANTS

The conference will be of particular interest to engineering academics, professional bodies, accreditation agencies and HR personnel in industry.

ACCOMMODATION

A number of hotel rooms have been reserved in Hotel Embajada which is a short walk from the conference venue. Bookings can be made up to 15th January 2012. To avail of the preferential rate of € 80 (single room) or € 90 (double room), breakfast included, please mention 'CLAIU-EU Conference 2012'.

Hotel NH Embajada

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REGISTRATION FEES

CLAIU EU members	€ 150
Non-members	€ 200
Conference Dinner (pp/ delegate or accompanying person)	€ 90

REGISTRATION

Please complete the [Registration Form](#) on our website. An invoice will be sent and full payment is required upon registration. Cancellation must be made in writing (letter) and reach our office not later than Friday 27th January 2011.

CONFERENCE COORDINATOR

For any further information please contact Ms Ann Van Eycken

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ABOUT CLAIU-EU

CLAIU-EU (Council of Association of long-cycle Engineers, of a university or higher school of engineering of the European Union) provides a Forum for consultation and collaboration within Europe among associations of engineers who have broadly been educated to Master degree level.

The objectives of **CLAIU-EU** serve to promote the interests of engineers who have followed a more theoretically oriented education and who are concerned with fundamental concepts and their practical application.

CLAIU – EU CONFERENCE

“The Engineering Doctorate”

To be held at

**Instituto de la Ingenieria de España
General Arrando 38
Madrid, Spain**

Thurs/Fri, 9th-10th February 2012



OBJECTIVES

The 2012 CLAIU EU Conference will focus on the engineering doctorate in its traditional format together with new developments in relation to its structure. The fundamental characteristic of any doctorate is that it is based on original research and must have resulted in the discovery of new knowledge. Recent developments in a number of jurisdictions include the establishment of the so-called "professional doctorate".

The CLAIU-EU Conference is organised in collaboration with the Instituto de la Ingenieria de España. The language of the Conference will be English.

The topics to be covered will include:

- Criteria and principles underpinning doctoral studies
- The engineering doctorate based purely on original research
- The professional doctorate
- Diversity and inter- disciplinary
- Doctoral candidates as early stage researchers
- The role of the engineering PhD graduate in industry

PROGRAMME DAY ONE

Thursday 9th February 2011

13:00 Registration and lunch buffet

13:45 **Welcome Address**
Sergio Polese, *President CLAIU-EU*

SESSION 1:

Engineering doctorate: principles and policies

CHAIRMAN: Alejandro Marin, Instituto de la Ingenieria España

14:00 **Doctoral education: the EUA-Salzburg II recommendations**
Dr. Thomas Ekman Jørgensen, *Head of Unit, EUA Council for Doctoral Education*

14:45 **Strengthening the engineering doctorate in the European Research Area: The principles for doctoral training**
Stefaan Hermans, *Head of the 'Skills' Unit, DG Research and Innovation at the European Commission*

15:30 Coffee break

15:45 **CESAER's policies on the engineering doctorate**
Peter Scharff, *Rector of T.U. Ilmenau, Germany*

16:30 **Introducing quality indicators in doctoral education**
Aris Avdelas, *Professor Faculty of Engineering, Aristotle University of Thessaloniki, Representative of EUGENE academic network and SEFI*

17:15 **What career in industry for engineers with a PhD?**
Ir. M.Ph.Sc Marc Goossens, *Director SEII - European Society for Engineers and Industrialists, Belgium*

18:00 Conclusion of Day One

20:00 Conference Dinner

PROGRAMME DAY TWO

Friday 10th February 2011

SESSION 2:

Engineering doctorate: case studies

CHAIRMAN: José Vieira, Ordem Dos Engenheiros Portugal

08:45 Welcome coffee

09:00 **Developments in the engineering doctorate in Spain.**
Jesús Félez, *Dean Faculty Industrial Engineering and Full Professor Mechanical Engineering at the Technical University Madrid (UPM)*

09:45 **Engineering Doctorates in Australia**
Robin King, *Emeritus Professor, Executive Officer Australian Council of Engineering Deans, Chair of the Accreditation Board of Engineers Australia and Chair of the Sydney Accord.*

10:30 **Interdisciplinarity - a modern approach to the engineering doctorate in Italy.**
Massimo Guarascio, *Full Professor Faculty Civil and Industrial Engineering, Member Scientific Council Structural Engineering PhD program at the Sapienza University Rome*

11:15 Coffee Break

11:30 **The Engineering Doctorate (EngD) in the U.K. – developing tomorrow's leaders with industry**
Patrick Godfrey, *Professor Systems Engineering, University of Bristol, Director at the Systems Centre and the EPSRC Industrial Doctorate Centre in Systems at the Universities of Bristol and Bath*

12:15 **Towards a European engineering doctorate**
Kees van Hee, *Professor Computer Science T.U. Eindhoven, the Netherlands*

13:00 **Plenary Discussion**, Chair, Denis Mc Grath, Former President CLAIU-EU

13:30 Conclusion of Conference