



Lifelong  
Learning  
Programme



UNIVERSIDADE DE COIMBRA

## Wednesday 9th September

**Hotel Tryp - Coimbra - (Alameda Dr. Armando Gonçalves 20, PT-3000 059 Coimbra)**

- 15h00 Registration
- 17h00 Welcome to University of Coimbra by Prof. João Gabriel Silva, Chancellor of University of Coimbra  
**Structure of the Second Annual Forum**  
Ivan Ruddock, University of Strathclyde, UK and Isabel Lopes, University of Coimbra, Portugal  
**Progress of the HOPE project**  
Nadine Witkowski, Pierre and Marie Curie University, France
- 17h30 *Guest Speaker*  
**Paulo Pereira da Silva**, CEO, Renova, Portugal  
Confessions of a physicist in the real World
- 18h30 End of day
- 19h30 Reception and buffet at Hotel Tryp

## Thursday 10th September

**Department of Physics, Anfiteatro Veiga Simão Polo/Campus I, Rua Larga, PT-3004 516 Coimbra.**

**Session 1: Graduate competences and Entrepreneurship : WG2 activities**

Chair: Ivan Ruddock, University of Strathclyde, UK

- 9h00 **Report from Working Group 2**  
**Hay Geurts**, Radboud University, The Netherlands  
General overview WG 2  
**Vetle Nilsen**, CERN, Switzerland  
On the employers/alumni review

**Isabel Lopes**, Coimbra University, Portugal  
On the departemental review

10h00 Coffee Break, Main Hall, ground floor

## **Session 2: Physics Studies in an Entrepreneurial Perspective**

Chair: Jan Naudts, University of Antwerp, Belgium

10h30 *Guest Speaker*

**Jim Allen**, Research Centre for Education and Labour Market, University of Maastricht, The Netherlands  
Skills for the Future: Challenges for Higher Education

11h30 **Vetle Nilsen**, CERN, Switzerland  
CERN Entrepreneurship Meet-up

11h45 **Urbaan Titulaer**, Johannes Kepler University, Austria  
Furthering Entrepreneurship at the Johannes Kepler University

12h15 Lunch, Main Hall, first floor

14h00 **Royce Florian**, Pierre and Marie Curie University, France  
Fab labs as academic tools

14h15 **Round table 1 : Where should students acquire professional and bf entrepreneurial skills - at university or in employment?**

Participants : Jim Allen, Research Centre for Education and Labour Market, University of Maastricht, The Netherlands  
W. Gareth Jones, Imperial College London, UK  
Hendrik Ferdinande, Ghent University, Belgium  
Anca Jensen, Novo Nordisk, Denmark  
José Basílio, CEO of “Intelligent Sensing Everywhere” and Professor of “Technological Entrepreneurship and Innovation”, University of Coimbra, Portugal  
José Paixão, Director of the Master Program in Physics, University of Coimbra, Portugal

## **Session 3: Poster Session 1 and Discussion**

15h15 **Poster Session** and Coffee Break (16h00) Main Hall, ground floor

17h00 End of day's programme

17h-18h Time available informal discussions for HOPE activities  
WG1 discussion (room D.7 first floor)  
WG2 discussion (room D.8 first floor)  
or visit to University of Coimbra's museum

19h00 Dinner - Clube de Memórias, Rua Alexandre Herculano 37, PT-3000 019 Coimbra

# Friday 11th September

**Department of Physics, Anfiteatro Veiga Simão Polo/Campus I,  
Rua Larga, PT-3004 516 Coimbra.**

## **Session 4: Global Challenges : WG3 activities**

Chair Evangelos Vitoratos, University of Patras, Greece

- 9h00 **Report from Working Group 3 of HOPE**  
Eamonn Cunningham, Dublin City University, Ireland and Fernando Cornet University of Granada, Spain  
**Discussion on results, coordination and priorities for future work**
- 10h00 Coffee Break, Main Hall, ground floor

## **Session 5: Physics Studies in a Global Perspective**

Chair: Leopold Mathelitsch, Karl-Franzens-University Graz, Austria

- 10h30 **Guest Speaker**  
**Dorothy Kelly**, University of Granada, Spain  
Internationalization: why is it a good thing ?
- 11h30 **Nathalie Lebrun**, University of Lille, France  
Use of Physics Education Research (PER) tools in teaching and university professors' receptivity to PER in classical mechanics
- 11h45 **Hendrik Ferdinande**, Ghent University, Belgium  
Improvements in European tertiary physics teaching in a global context - preliminary analysis and review
- 12h15 Lunch, Main Hall, first floor
- 14h00 **Sonia Gomez Puente**, Technical University Eindhoven, The Netherlands  
Experiences with studio classroom and the integration of active and blended-learning methods to teach physics
- 14h15 **Round table 2 : Innovative teaching methods**  
Participant : Fernando Cornet, University of Granada, Spain  
Marion Birch, University of Manchester, UK  
Tangui Aladjidi, University Pierre and Marie Curie, France  
Sune Pettersson, Umeå University, Sweden  
Agneta Balint, West University of Timisoara, Romania  
Alessandro Zappia, University of Naples Federico II, Italy

## **Session 6: Poster Session 2 and Discussion**

- 15h00 Poster Flash presentations WG3 activities
- 16h00 **Poster Session** + Coffee Break, Main Hall, ground floor
- 17h00 End of day's programme
- 17h-18h Time available informal discussions for HOPE activities  
WG3 discussion (room D.7 first floor)  
WG4 discussion (room D.8 first floor)  
or visit to University of Coimbra's museum
- 19h00 Conference dinner : Hotel Quinta das lágrimas, Rua António Augusto Gonçalves, PT-3041 901 Coimbra

## **Saturday 12th September**

**Department of Physics, Anfiteatro Veiga Simão Polo/Campus I,  
Rua Larga, PT-3004 516 Coimbra.**

### **Session 7: Reports on activities of WG1 and WG4**

Chair Marisa Michelini, University of Udine, Italy

- 9h00 **Update report from Working Group 1 of HOPE**  
Marek Trippenbach, University of Warsaw, Poland
- 10h00 **Update report from Working Group 4 of HOPE**  
Leopold Mathelitsch, Karl-Franzens-University Graz, Austria
- 10h30 Coffee Break, Main Hall, ground floor

### **Session 8: Final Reflections**

- 11h00 **Conclusions, Summary and Thanks**  
Nadine Witkowski, University Pierre and Marie Curie, France
- 11h30 **End of the Forum**
- 12h00 Lunch, Main Hall, first floor
- 14h00 Optional excursion (details during the conference)