

# GEDC INDUSTRY FORUM

## PROGRAMME OVERVIEW

3-5 July | Fontainebleau, France @ CEDEP

### DEVELOPING THE NEXT GENERATION OF ENGINEERING EXPERTS AND LEADERS

This Industry Forum will address how to implement and scale up successful programmes which see universities and the private sector working together to develop the skills needed in future engineering experts and leaders. We'll explore how to develop socially conscious engineering and tech graduates for the future, building trust and authentic, inclusive communication skills as well as strategies to improve cross-border, open innovation through agile university-industry collaboration.

Designed and facilitated by the award-winning team at Petrus Communications, the Forum kicks off late afternoon on Wednesday 3rd July with an expert panel, workshop and networking reception, followed by a day of discussion and creative group work on Thursday 4th July facilitated by renowned specialists. Social and networking opportunities will be followed by dinner and live music. Conclusions, with a strong focus on next steps, will be presented the following morning with departures on Friday 5th July after lunch. Opportunities for relevant cultural and industrial visits in the area will also be available.

#### WEDNESDAY 3 JULY

**From 12:00** Lunch is available for those who wish.

Ample meeting and working space is available at the event venue until the programme begins.

**13:30 to 15:30** **Pre-event Seminars** (optional) exploring Diversity, Student Engagement and the potential impact of Brexit

**From 15:30** Registration & Welcome Coffee

**16:30** **Welcome & Introductions**

Our hosts for the event are **Natacha DePaola**, Dean of the Armour College of Engineering, Illinois Institute of Technology, USA and Chair, Global Engineering Deans Council; **Chantal De Barra** Head of International Research Publications, CEVIPOF, Sciences Po, France and **Andrew Hogg**, Deputy Chairman, Group Ethics Committee, Total

**17:00** **University-Industry Cooperation for Global Research & Open-Innovation**

Today global grand challenges are facing all of us regardless of national borders, and there is an increasing need for international collaboration to drive innovation in the private sector and universities. Given the current political climate that may lead to increased isolationism in some areas, how can universities, companies, and other stakeholders best work together to ensure that open and international collaboration and innovation is not only maintained, but also intensified? In this global panel session, speakers from industry, education and the public sector will share their experience on developing productive multi-partner, multi-country research and innovation projects.

**18:00** **Developing Socially Conscious Engineers:** An interactive session moderated by **Andrew Hogg** Deputy Chairman, Group Ethics Committee, Total

**19:00** **Get to Know You** – Networking, Cocktail & BBQ

#### THURSDAY 4 JULY

**08:30** **Inspirational Session on 'Skills for the Future'** to set the scene for the day with a look ahead at the technology, and the skills, that are changing the way we live, learn and work.

**09:30** **Dynamic Design Groups: Rotating Brainstorm and Dialogue**

Today, we know what skills are needed in future engineering and tech graduates, for example the 2017 Industry Forum Concept Paper compiles a list of skills from multiple sources on the topic. Although needed skills are evolving over time, for example professional skills and those that underpin the concept of the socially conscious engineer have grown in importance, the focus of this interactive session will be on how to develop needed skills in a meaningful and assessable way in scalable, high impact programmes.

**The Student Perspective** will be brought into the mix with comment on the Design Group themes from the leader of a global engineering student organisation and our pilot student engagement survey results.

- 12:00**      **Taking Up the Challenge: Delegates form Design Groups on problem of choice**  
Lunch is with selected Design Group in CEDEP restaurant
- 13:30**      **Dynamic Design Group Work continues ...**
- 18:00**      **Sofa Sessions** (optional): An innovation at this year's Industry Forum. Bring your professional problem relevant to the theme of the event, and we'll invite the global GEDC Industry Forum community to solve it with you.
- 19:30**      **Cocktail, dinner and live music, in the CEDEP Gardens and Dome**

**FRIDAY 5 JULY**

- From 07:30**      Breakfast & Design Group final preparations
- 08:45**      **Dynamic Design Groups:** Presentations
- 11:30**      **Conclusions & Next Steps**
- 12:00**      **Farewell Lunch**
- From 13:00**      Optional **Cultural, Education and Industry Site Visits** / Transfers

*Exact timings during each day may change according to final group numbers, but overall start and finish times will remain as stated.*