

# WORKSHOP

## What's Next for Global Engineers?

OCTOBER, 16<sup>th</sup>

3:40p.m to 6:00p.m.

### YOU ARE INVITED!!!!!!

**Joanylthon Ruthes - Vice-President of VOLVO Latin America**

**Digitalization in Industry – a Global opportunity** - Prof. Grossmann, Engineering Informatics and Data Processing, Technical University of Ingolstadt Digitization offers potential benefits across the entire industry, encompassing processes, products, and production. This transformation leads to more interdisciplinary teams, involving competencies such as engineers, computer scientists, and other professionals. Data is seamlessly shared through cloud infrastructures, enabling teams to collaborate on an international scale.

**Safety Challenges in Future Mobility Systems and Opportunities for Global Engineers** - Prof. Zimmer, Computer vision and image processing, Technical University of Ingolstadt Vehicles are not what they used to be. They are becoming software-defined mechanical platforms. In this short lecture, we are going to discuss what new technologies are being developed to make you safer inside your car and the career opportunities for global engineers that arise from this new paradigm.

**Changes in the Automotive Industry: Opportunities for Global Engineers** - Prof. Göllinger, Vehicle physics and mechatronics, Technical University of Ingolstadt In this brief lecture, Prof. Göllinger will examine the significant changes occurring in the automotive industry. Combustion engines will eventually phase out, making way for emerging technologies such as electric and hydrogen drivetrains. Additionally, numerous software-defined functions, such as driver assistance and self-driving capabilities, are being integrated into vehicles. Prof. Göllinger will explore the opportunities that are unfolding for the next generation of global engineers. Essential technologies will be discussed, as well as the hard and soft skills, required to navigate the evolving global technological landscape.

Salão nobre, 2. andar, Prédio da Administração  
Centro politécnico