

# QUALITY ASSURANCE AND PROFESSIONAL ACCREDITATION OF ENGINEERING EDUCATIONAL PROGRAMMES

This EUR-ACE accreditation training workshop aims to prepare well-qualified engineering degree programme accreditation experts. This training course is delivered by experts who are certified accreditation evaluators and trainers. Participants who successfully complete this course will be ready to prepare their respective universities for international degree programme accreditation (including, but not limited to, the EUR-ACE certificate).

## > Qualification: Candidate Expert

Pending participation in an accreditation audit to qualify as an European accreditation agency certified Expert

## > Dates: 4 to 6 July 2022

## Meet Our INSTRUCTORS



**José Carlos Quadrado (ENAE)**, BSc, MEng, MSc, PhD, DSc, habil, SEFI Fellow, is an international engineering education leader and full professor and coordinator at Politécnico do Porto (P.PORTO), where he holds the position of Pro-President for Internationalization. He is currently Vice-President of the European Network for Accreditation of Engineering Education (ENAE) coordinating 15 international accreditation agencies. He was the former president of LACCEI, ASIBEL and the Instituto Superior de Engenharia de Lisboa (ISEL). He was also the vice-president of the European Society for Engineering Education.



**Kseniya Zaitseva (AEER)** is Director of Association of Engineering Education of Russia's Accreditation Centre. She holds an MA in Management and a PhD in Education Science. She is currently associate professor at Tomsk Polytechnic University (TPU). She is an international expert in quality assurance and has participated in many international-level professional educational programme accreditation visits. She is AEER delegate to the EUR-ACE Label Committee. She has facilitated international quality assurance and accreditation workshops as a trainer in Russia and abroad.

## LEARNING OUTCOMES

### ■ Learn

Advanced principles



EUR-ACE international accreditation system

### ■ Learn

Criteria & accreditation procedure



Engineering educational programmes

### ■ Analyse

Self-assessment reports



Engineering educational programme

### ■ Assess

Engineering educational programmes



European Engineering educational programme accreditation standards

## SYLLABUS

## SESSIONS

Participants will learn the details of the EUR-ACE engineering programmes accreditation criteria and procedures, and the key elements of self-assessment report preparation.

Working in groups, participants will complete exercises aimed at matching educational programme objectives with learning outcomes, determining the extent to which a course helps all students to achieve the educational programme objectives and training participants to complete a preliminary evaluation of the engineering educational programme self-assessment report.

Participants will have the chance to participate in a simulated expert visit to a university undergoing EUR-ACE accreditation, covering meetings and interviews with different stakeholders (international relations office, alumni office, students, professors, employers/ graduates of the programme under accreditation).

During this session, participants' teams will present their final project. Each team will have 10-15 minutes for a PowerPoint presentation, including a question and answer session with peers and trainers.

During this closing session, trainers will assess the work done by each team, discussing strengths and weaknesses and identifying recommendations and further steps.



**Guillermo Calleja (ANECA)** is full professor of Chemical Engineering at the Universidad Rey Juan Carlos (URJC) in Madrid. He was founding rector of URJC, and Vice Rector for International Relations and Secretary General of the Universidad Complutense de Madrid (UCM). He received his PhD in Chemical Engineering from the UCM in 1976, is visiting scholar at the University of California-Santa Barbara (USA) and at Universidad de los Andes-Bogotá (Colombia). He was executive chairman of the Quality, Accreditation and Prospective Agency of the Universities of Madrid and member of the Advisory Council of the Spanish National Agency for Quality Assessment and Accreditation (ANECA) and is on the Board of International Advisors of Monterey Institute of International Studies (California, USA). He is ANECA delegate to the EUR-ACE Label Committee.