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## **1st ENAAEE Members Forum**

### **Challenges, Perspectives and Good Practice in Engineering Degree Programme Accreditation**

**18-19 October 2017  
KU Leuven (Arenberg Castle, Heverlee)**

#### **Programme**

**(Tuesday, 17<sup>th</sup> of October: Arrival Date)**

**Wednesday, 18<sup>th</sup> of October:**

8.30 – 9.30 Registration

9.30 – 10.00 Official Opening of the Forum

Welcome by ENAAEE: Prof. Bernard Remaud, President of ENAAEE

Welcome by KU Leuven: Prof. Michiel Steyaert, Dean of Faculty of Engineering Science

Introduction to the Members Forum: Aims and format of the Forum: Prof. Timur Dogu, Chair of the ENAAEE Label Committee

#### **Plenary Session 1: Good practice in EUR-ACE label programme accreditation**

Moderator: Dr. Erbil Payzin, MÚDEK

Guiding questions:

*How can the quality enhancement effects of EUR-ACE label programme accreditation be strengthened?*

*Do the EUR-ACE Standards need to be adapted to new professional requirements and national or transnational Qualification Frameworks?*

*How can synergies with other QA approaches be used for improving programme accreditation procedures and ensuring consistency?*

#### **Keynotes:**

**10.00** “The challenges of IQA and EQA of engineering programmes: from international profile to new ways of enhancement and accountability”

Prof. Lucien Bollaert, International QA expert



### **10.30 “Challenges and future developments in programme accreditation and the EUR-ACE system”**

Prof. Hans-Joachim Bargstädt, ASIIN, Bauhaus University Weimar, President of 4Ing

**11.00 – 11.25 Coffee Break**

#### **Parallel workshops:**

**11.30 - 12.40**

##### **Workshop 1: External programme accreditation: the benefits beyond the EUR-ACE label**

Moderator: Prof. Birgül Tantekin-Ersolmaz, MÜDEK, ENAAEE AC member

Introduction: University experiences with external EUR-ACE label programme accreditation

Contributors: Prof. Yolande Berbers, KU Leuven; Prof. A. Tanju Erdem, Dean, Ozyegin University, Istanbul

##### **Workshop 2: EUR-ACE programme outcomes in relation to national standards and requirements**

Moderator: Prof. David Cleland, EngC, ENAAEE LC member

Introduction: Continuous revision of standards: is there a need for changes in EUR-ACE standards in the context of new demands, revision of national standards and gained experiences?

Contributor: Julie Nolland, CTI

Additional statements can be expected due to current changes from EC UK, ASIIN, AEER and others

##### **Workshop 3: “Lean” accreditation procedures: adjustment to the purpose, use of synergies**

Moderator: Guenter Heitmann, ASIIN/SEFI

Introduction: Aligning mandatory state accreditation (programme, institution or QA system) and voluntary professional EUR-ACE label accreditation

Contributors: José Luis Tejera Oliver, ANECA; Dr. Michael Meyer, ASIIN

Additional statements could be from: UK: QAA and EC UK; Russia: state accreditation and professional AEER/EUR-ACE label; Germany: State programme or system accreditation and ASIIN/EUR-ACE label accreditation; Romania: ARACIS; Poland: State Accreditation and KAUT Deans of Faculty of Engineering Science / EUR-ACE accreditation



**12.45 - 13.15 Plenary: Presentation of workshop results, Wrap up by session moderator**

**13.15– 14.15 Light Lunch break**

## **Plenary session 2: EUR-ACE outcome standards and appropriate evidence of achievement**

Moderator: Prof. Bernard Remaud, ENAAEE President

Guiding questions:

*What evidences should be provided by HEIs to show that programme aims and outcomes and required/intended learning outcomes are achieved?*

*How can complex learning outcomes be assessed?*

*How should HEI internal Quality Assurance be organised to ensure sustainable achievement of outcomes and continuous improvement?*

*What can be learned from competence assessment and development in industry?*

### **Keynotes:**

#### **14.30 - 15.00 “Improving learning outcomes assessment in engineering education”**

Dr. Rita Falcão Berredo, Universidade Nova de Lisboa, TALOE project

#### **15.00 – 15.30 “Competence requirements, assessment and development in industry”**

Pierre Jauffret, Senior Vice President, Center of Excellence Leader, Europe Right Management

**15.30 – 15.55 coffee break**

### **Parallel workshops:**

**16.00 – 17. 10**

#### **Workshop 4: Assessment plans: Performance indicators for achieved programme aims and outcomes**

Moderator: Prof. Cyril Burkley, Engineers Ireland, ENAAEE LC member

Introduction: Which performance indicators for which outcomes to provide satisfactory evidence of achievement?

Contributor: Guenter Heitmann, ASIIN/SEFI



### **Workshop 5: Achievement and assessment of complex learning outcomes – example: the CDIO approach**

Moderator: Prof. Ian Freeston, former ENAAE LC member

Introduction: Constructive alignment of intended learning outcomes, learning arrangements and assessment to achieve complex problem solving skills, teamwork and leadership competences and independent learning abilities and attitudes

Contributor: Dr. Gareth Thompson, Aston University, QAEMP project

### **Workshop 6: Work-integrated and project-based learning and competence assessment**

Moderator: Dr. Jean-Claude Arditti, CTI

Contributors: Maarten Decat, Elimity (KU Leuven), Pierre Jauffret, Right Management; Antoine Lanthony, SUPMECA, Dr. Ilmars Wiksne (Riga University), Prof. Wim van Pettegem (KU Leuven), Prof. Katrien Viebert (KU Leuven)

### **17.15 – 17.45 Plenary presentation of results, Wrap up by session moderator**

19.30 Welcome at the Faculty Club

**20.00 Conference Dinner at the Faculty Club**



**Thursday, 19<sup>th</sup> of October, 9.00:**

**Plenary session 3: Challenges and perspectives for future EUR-ACE label programme accreditation**

Moderator: Prof. Claudio Borri, UniFI, University of Florence, ENAAEE AC member

Guiding questions:

*How to increase the benefits of a EUR-ACE label accreditation in academic and professional contextes?*

*How to ensure the "sustainability" of programme accreditation on the long term, balance benefits/costs of accreditation and prevent accreditation "fatigue"?*

*How to deal with new curriculum formats, learning environments and programme delivery?*

**9.00 – 9.15** Introduction by the moderator

**Keynote:**

**9.15 - 9.45 “Enhancing consistency and quality of accreditation procedures and the quality management of ENAAEE authorised agencies?”**

Prof. Timur Dogu, MÜDEK, Chair of the ENAAEE Label Committee

**9.45 – 10.45 Panel discussion, chaired by the session moderator:**

**Increasing the role of the EUR-ACE labels in student programme choices, academic recognition, professional licensing and employers recruitment approaches**

Contributors: Alexia Spyridonidou (BEST), Prof. Mike Murphy (SEFI-President), Denis McGrath (ENAAEE Vice-President), Dr.-Ing. Martin Molzahn (BASF/ASIIN)

**10.45 - 11.10 Coffee Break**

**11.15– 12.25 Parallel workshops**

**Workshop 7: Transnational and cross-border EUR-ACE label programme accreditation**

Moderator: Prof. Jose-Carlos Quadrado, Vice-President, Instituto Superior de Engenharia do Porto

Introduction: Ensuring the quality of EUR-ACE accreditation of joint programmes and programmes in foreign countries



Contributor: Prof. Miguel Sastre Castillo, ANECA

Additional statements could be from AEER/QEECA, ASIIN, EC UK, CTI

**Workshop 8: Dealing with heterogeneous learning environments (Work-based Learning, E-Learning, Prior and Experiential Learning) in programme accreditation**

Moderator: Prof. Anne-Marie Jolly, SEFI, CTI Vice-President

Introduction by Dr. Malcolm Booth, Aston University, EngC

**Workshop 9: How can the reputation and recognition of the EUR-ACE label and programme accreditation be increased at national and transnational level?**

Moderator: Prof. Guillermo Calleja, ANECA

Introduction: Reputation and recognition of EUR-ACE labelled programmes within the EHEA and outside the EHEA

Contributor: Denis McGrath, Engineers Ireland, ENAAE Vice President

**Final Session**

Chair: Prof. Giuliano Augusti, QUACING, ENAAE LC member

12.30 - 12.45      Presentation of workshop results

12.45 - 14.00      Wrap up by session rapporteurs

Feed-back by plenary

Concluding remarks by ENAAE President: Road-map for future actions to strengthen ENAAE and the quality and dissemination of the EUR-ACE label

**For remarks and questions to the organising committee please contact:**

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