

13th European Workshop on Aircraft Design Education (EWADE 2017)

Program

Date: 19 October 2017

Venue: Palace of the Parliament, 2-4 Izvor St., Sector 5, 050563, Bucharest, Romania.

Room: Nicolae Iorga Hall No. 2

| CEAS 2017 - Session 45 13th European Workshop on Aircraft Design Education (EWADE 2017) | | | |
|--|----------------------------|---|---|
| EWADE I: Aero Education Case Studies. Concepts, Tools and New Ideas in Aircraft Design | | | |
| Session chair: Dieter Scholz (Hamburg University of Applied Sciences, DE) | | | |
| 10:45 - 11:05 | 3001 | Welcome to EWADE 2017 | Dieter Scholz Hamburg University of Applied Sciences, DE |
| 11:05 - 11:30 | 3002 | Education in Aerospace Engineering at the University "Politehnica" of Bucharest | <u>Octavian Pleter</u> and Sterian Dănilă University "Politehnica" of Bucharest, RO |
| 11:30 - 11:55 | 3003 | Aircraft Systems Engineering and Concept Evaluation | Petter Krus Linköping University, SE |
| 11:55 - 12:20 | 3004 | Innovative Tools for Aircraft Preliminary Design – Development, Applications and Education | Fabrizio Nicolosi University of Naples "Federico II", IT |
| 12:20 - 12:45 | 3005 | Specific Fuel Consumption of Jet Engines – Implications in Aircraft Design and Performance Calculations | Dieter Scholz Hamburg University of Applied Sciences, DE |
| 12:45 - 13:45 | Lunch Take Ionescu Hall | | |

Notes:

- The second column gives the CEAS 2017 Presentation Number
- The presenting author is underlined

CEAS 2017 – Session 52
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EWADE II:

Video conference from:

*2nd Asian Workshop on Aircraft Design Education (AWADE 2017), 17 – 20 October 2017
 at Nanjing University of Aeronautics and Astronautics, China*

Aero Education Case Studies. History, Drag, Noise and Certification in Aerospace Design

Session chair: **Oleksiy Chernykh** (Nanjing University of Aeronautics and Astronautics, CN)

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|---------------|--------------|--|--|
| 13:45 - 14:00 | 3006 | Welcome to Asian AWADE and European EWADE | Jizhou Lai Nanjing University of Aeronautics and Astronautics, CN |
| 14:00 - 14:25 | 3007 | Aerospace Engineering Education at Nanjing University of Aeronautics and Astronautics | Pinqi Xia Nanjing University of Aeronautics and Astronautics, CN |
| 14:25 - 14:45 | 3008 | The 60th anniversary of the Launch of the First Satellites – Historical and Technical Analysis | Zhijin Wang and Anatoly Kretov Nanjing University of Aeronautics and Astronautics, CN |
| 14:45 - 15:05 | 3009 | Generation of the Drag Map and Derivative Plots for Commercial Aircraft | Anthony Hays Aircraft Design and Consulting, US California State University, US |
| 15:05 - 15:25 | 3010 | Aircraft Noise Sources and Analysis of Possibilities for Noise Reduction | Dmitry Tinyakov and Yuliya Babenko National Aerospace University, Kharkiv Aviation Institute, UA |
| 15:25 - 15:45 | 3011 | Airworthiness Knowledge Comes into Focus of Chinese Aviation Education | Oleksiy Chernykh Nanjing University of Aeronautics and Astronautics, CN |
| 15:45 - 16:00 | Coffee break | | |

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**EWADE III:
Aero Education Case Studies. Student Projects, Tools and Concepts in Aircraft Design. Publications in Aircraft Design. Discussion about EWADE 2019**

Session chair: **Petter Krus** (Linköping University, SE)

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| 16:00 - 16:25 | 3012 | Review of aircraft design activities at ISAE-SUPAERO / ONERA | Emmanuel Bénard Institut Supérieur de l'Aéronautique et de l'Espace, FR Peter Schmollgruber The French Aerospace Lab (ONERA), FR |
| 16:25 - 16:50 | 3013 | Award-winning innovative aircraft design projects at Politecnico di Milano | Lorenzo Trainelli and Carlo Riboldi Politecnico di Milano, IT |
| 16:50 - 17:15 | 3014 | Aerospace education in Kenya – The case of Moi University | Diane Chelangat Uyoga Moi University, KE |
| 17:15 - 17:25 | 3015 | Results of READ/SCAD 2016 – Proposal of a joint READ/EWADE/SCAD Workshop 2018 | Tomasz Goetzendorf-Grabowski Warsaw University of Technology, PL |
| 17:25 - 18:00 | Discussion – Next EWADE and Cooperation with AWADE, READ, SCAD and CEAS 2019 | | |
| 18:00 - 18:10 | Coffee break | | |
| CEAS 2017 – Session 60 CEAS 2017 Closing Session Human Rights Hall | | | |
| 18:10 - 18:20 | 34 | CEAS 2017 Closing Address | Valentin Silivestru National Research and Development Institute for Gas Turbines (COMOTI), RO |