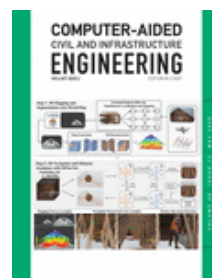


**2nd OLYMPIAD in ENGINEERING SCIENCE - OES2025**  
**University of Stavanger**  
**Norway**  
**June 10-14, 2025**



Stavanger  
kommune



## 2<sup>nd</sup> Olympiad in Engineering Science International Committee



Prof. Hojjat Adeli,  
Ohio State University, USA,  
Honorary chairman of the committee



Prof. Anatoly Zagorodny,  
President National Academy of Sciences of Ukraine



Prof. Juan Manuel Corchado,  
Rector of the University of Salamanca, Spain



Prof. Niels Deen,  
Eindhoven University of Technology,  
The Netherlands



Prof. Dimitrios Pavlou,  
University of Stavanger, Norway,  
Chairman of the committee



# DAY 1: Tuesday 10 June - Opening Ceremony

**09.30-10.00** [Building Kjølv Egeland's \(ground floor\)](#) – Registration

**10.00-10.30** [Room “KE E-101”](#) - Opening of the 2<sup>nd</sup> Olympiad in Engineering Science by  
**Klaus Mohn, Rector of the University of Stavanger**  
**Merete Madland, Vice-Rector for Research, University of Stavanger**

**10.30-11.00** [Room “KE E-101”](#) - Welcome by the members of the International Olympiad Committee:

**Prof. Dimitrios Pavlou**, University of Stavanger, Norway, (Chairman of the committee)

**Prof. Hojjat Adeli**, Ohio State University, USA, (Honorary chairman of the committee)

**Prof. Niels Deen**, Eindhoven University of Technology, The Netherlands


**Prof. Anatoly Zagorodny**, President National Academy of Sciences of Ukraine

**Prof. Juan Manuel Corchado**, Rector / Professor, University of Salamanca, Spain

**11.00-11.45** [Room “KE E-101”](#) - **Opening Keynote Speech:**

**Professor Hojjat Adeli:** “Machine Learning: Innovations, Societal Impact, and Pitfalls”

**12.00-14.00** [Welcome Reception: Standing cocktail including meal package.](#)

**14.00-15.00** [Room “KE E-101”](#) **Special Session**  **HEXAGON**

## **DAY 2: Wednesday 11 June – “Archimedes Medal Award”, and Sessions 1-9**

**9.30-10.00**     [Room “KE E-102”](#) - “Archimedes Medal Award”

**10.00-10.30**     Coffee Break

**10.30-12.30**     Three parallel sessions 1-3

**Session 1-** [Room “KE E-101”](#): Machine Learning I

**Session 2-** [Room “KE E-102”](#): Special Session on AI in Biomedical Applications I

**Session 3-** [Room “KE E-166”](#): Structural Health Monitoring I

**12.30-13.30:** Lunch in [Café Optimisten](#)

**13.30-15.30** Three parallel sessions 4-6

**Session 4-** [Room “KE E-101”](#): Machine Learning II

**Session 5-** [Room “KE E-102”](#): Special Session on AI in Biomedical Applications II

**Session 6-** [Room “KE E-166”](#): Structural Health Monitoring III

**15.10-15.30** Coffee Break

**15.30-17.30** Three parallel sessions 7-9

**Session 7-** [Room “KE E-101”](#): Machine Learning III

**Session 8-** [Room “KE E-102”](#): Special session on Advances in 3D Data Acquisition and Processing for  
Civil Engineering

**Session 9-** [Room “KE E-166”](#): Structural Health Monitoring III

## **DAY 3: Thursday 12 June – “Timoshenko Medal”, “Olympiad Medals”, and Sessions 10-16**

**9.30-9.50**      [Room “KE E-102”:](#)

**Anatoly Zagorodny**, President National Academy of Sciences of Ukraine

Title of Speech: “Stephen Timoshenko: The life and work of the father of modern mechanics”

**9.50-10.10**      [Room “KE E-102”:](#) “Olympiad Medals” award to the authors of the five best papers

**10.10-10.30**      Coffee Break

**10.30-12.50**      Three parallel sessions 10-12

**Session 10-**[Room “KE E-101”:](#) “Special Session in Fluid Dynamics” – **Session dedicated to Professor Emeritus Bjørn Helge Hjertager**

**Session 11-**[Room “KE E-102”:](#) Concrete Structures

**Session 12-**[Room “KE E-166”:](#) Structural Health Monitoring IV

**12.50-13.30:** Lunch in [Café Optimisten](#)

**13.50-15.30** Three parallel sessions 13-15

**Session 13-**[Room “KE E-101”:](#) “Dynamics and vibration”

**Session 14-**[Room “KE E-102”:](#) Fatigue and Structural Integrity

**Session 15-**[Room “KE E-166”:](#) Structural Health Monitoring IV

**15.30-16.00**      Coffee Break

**16.00-17.40**      Two parallel sessions 16-17

**Session 16-**[Room “KE E-101”:](#) Marine Technology

**Session 17-**[Room “KE E-102”:](#) Materials Engineering - Additive Manufacturing I

**18.30-21.00** Conference Banquet, Sola Strand (bus transportation)

## DAY 4: Friday 13 June

**10.00-12.00**    Session 18

**Session 18-[Room “KE E-101”](#):** Asset Integrity Management I

**12.00-13.00**    Lunch in [Café Optimisten](#)

**13.00-15.00**    Three parallel sessions 19-21

**Session 19-[Room “KE E-101”](#):** Asset Integrity Management II, and Industrial Symbiosis

**Session 20-[Room “KE E-102”](#):** Structural Engineering

**Session 21-[Room “KE E-166”](#):** Special Session in Robotics Automatic Control and Electronic Sensors I

**Coffee Break: 15.00-15.30**

**15.30-17.00**    Session 22

**Session 22-[Room “KE E-102”](#):** Special Session in Robotics Automatic Control and Electronic Sensors II

**Coffee Break: 16.30-17.00**

**17.00-17.30**    Closing Ceremony, [Room “KE E-101”](#)

**Mona Minde**, Head of the department of Mechanical and Structural Engineering and Materials  
Science, University of Stavanger

**Dimitrios Pavlou**, OES2025 chairman

## DAY 5: Saturday 14 June

**10.00-12.00**    Building Kjølvs Egeland (ground floor- meeting in the entrance [“Inngang Vest”](#)  
at 10.00-10.05):

**Round Tables for Networking, Collaborations, and Synergies**