

5th Conference of Computational Methods & Ocean Technology (COTech 2026)

Call for Papers

The aim of this COTech conference is to provide a platform for academics and professionals in application of computational methods in diverse disciplines listed below to **come together, present their recent works in the areas, exchange ideas, and establish professional networks**. It will serve as a forum for a multidisciplinary research dissemination and bring together Norwegian and invited foreign researchers and industry professionals to enable them to exchange their research experience and share their results within application of computational methods in design, analysis and simulation of offshore/ocean systems and structures, Oil & Gas Technology areas and related disciplines.

Topic Areas of the Conference

The conference will be organized under the following main topic areas.

1. Wind Engineering and Industrial Aerodynamics

Topic coordinators:

Prof. Knut Erik Giljarhus (knut.e.giljarhus@uis.no)

Prof. Jasna B. Jakobsen (jasna.b.jakobsen@uis.no)

2. Advanced Computational Methods and Applications in Marine, Subsea and Offshore Technology

Topic coordinators:

Prof. Yihan Xing (Yihan.xing@uis.no)

Dr. Guang Yin (guang.yin@uis.no)

3. Fatigue, Corrosion and Structural Integrity of Engineering Structures and Mechanical Systems

Topic coordinators:

Prof. Dimitrios G. Pavlou (dimitrios.g.pavlou@uis.no)

Prof. Sudath C. Siriwardane (sasc.siriwardane@uis.no)

Dr. Tiago J.F.M. Ferradosa (tferradosa@fe.up.pt)

4. Structural Safety, Integrity Management and Life Extension of Structures

Topic coordinators:

Adj. Prof. Gerhard Ersdal (Gerhard.ersdal@uis.no) or
Gerhard.ersdal@havtil.no)

Assoc. Prof. Yanyan Sha (Yanyan.sha@uis.no)

5. Smart Operations and Maintenance

Topic coordinator:

Assoc. Prof. Idriss El-thalji (idriss.el-thalji@uis.no)

Prof. Yiliu Liu (yiliu.liu@ntnu.no)

For updated information, please refer to:

<http://www.ux.uis.no/COTech/>

Conference venue:

The conference will be held at University of Stavanger, Kjølvs Egelands hus, Block E. <https://link.mazemap.com/CTzZiufc>

6. Design Optimization, Additive Manufacturing Technologies & Applications

Topic coordinators:

Prof. Andrés García Granada (andres.garcia@iqs.url.edu)

Assoc. Prof. Yonatan Afework (yonatant@ru.is)

7. Smart Energy Storage, Integration and Utilization

Topic coordinator:

Prof. Mohsen Assadi (mohsen.assadi@uis.no)

8. Computational Intelligence for Power Systems

Topic coordinators:

Assoc. Prof. Merkebu Z. Degefa

(merkebu.z.degefa@uis.no)

Prof. Shujun Zhang (shujun.Zhang@hvl.no)

9. Sustainable Ocean Structures

Topic coordinators:

Prof. Zhiyu Jiang (zhiyu.jiang@uia.no)

Assoc. Prof. Jian Dai (jiandai@oslomet.no),

Prof. Hokyung Kim (hokyungk@snu.ac.kr)

Assoc. Prof. Min-Ook Kim (minookkim@seoultech.ac.kr)

10. Industry Events

Special events for local industries will be arranged

- Researchers and developers can submit regular articles
- Relevant companies can present their achievements
- Sponsored stands can be arranged

Important dates

- Submission of abstracts: June 30, 2026
- Submission of full manuscript: August 31, 2026
- Completion of review work: Sept. 30, 2026
- Resubmission of revised manuscript: Oct. 15, 2026
- **Conference date: Nov. 26 – 27, 2026**



Members of Organizing Committee

Prof. Hirpa G. Lemu	Hirpa.g.lemu@uis.no
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Assoc. Prof. Ove Mikkelsen	Ove.mikkelsen@uis.no

Confirmed Keynote Speakers

Prof. Jonas W. Ringsberg, Chalmers University of Technology, Sweden (confirmed)
Prof. Palani Iyamperumal Anand, Indian Institute of Technology Indore, India
Prof. Mohsen Assadi, University of Stavanger, Norway.
(To be updated)

International Scientific Committee Members

Ass. Professor Paul Akangah, North Carolina A&T State University, USA
Prof. Kostas Belibassakis, National Technical Univ. of Athens, Greece
Prof. Asfaw Beyene, San Diego State University, USA
Prof. Robert Brown, Memorial Univ. of Newfoundland, Canada
Prof. Nianzhong Chen, University of Newcastle, UK
Prof. Sreekanta Das, University of Windsor, Canada
Prof. David Fuhrman, Technical University of Denmark (DTU), Denmark
Prof. Andrés García Granada, Industrial Engineering, IQS School of Engineering
Prof. Chan Ghee Koh, National Univ. of Singapore (NUS), Singapore
Prof. Hrvoje Jasak, University of Zagreb, Croatia
Prof. Håkan Nilsson, Chalmers University of Technology, Sweden
Prof. Jakob Mann, DTU, Denmark
Prof. Pantelis Nikolakopoulos, University of Patras, Greece
Prof. Stefanos Zaoutsos, Technological Educational Institute of Thessaly, Greece
Prof. Demosthenes Polyzos, University of Patras, Greece
Prof. Raviliy Safieva from Gubkin Oil & Gas University, Russia
Dr. Srinivas Sriramula, University of Aberdeen, UK
Ass. Prof. Hodjat Shiri, Memorial Univ. of Newfoundland, Canada
Prof. Xudong Qian, National Univ. of Singapore (NUS), Singapore
Prof. Gary Wang, Simon Fraser University, Canada

For details including local and national Scientific Committee members, please refer to:

<http://www.ux.uis.no/COTech/Committee.htm>.

Submission requirements:

- Abstract: max. 150 words and final manuscript: upto 15 pages.

Use this link to submit abstract: <https://indico.uis.no/event/29/abstracts/#submit-abstract>

Conference fee:

The conference fee for each article is 350 €. This covers online publication fee (open access), two lunches, one conference dinner, excursion to Norwegian Oil Museum and other administrative costs. The fee for a second article by the same author(s) is 200 € and covers publication fee and other administrative costs.

Publication of Proceeding:

<https://iopscience.iop.org/journal/1742-6596>

All accepted articles by COTech 2026 conference will be published in Proceedings by

IOP Conference Series – Journal of Physics, indexed by several databases including Scopus, EI Compendex, Inspec, CPCI-S (ISI Web of Science) and other databases. It is also approved as **Level 1** in the Norwegian Register for Scientific Journals, Series and Publishers (<https://kanalregister.hkdir.no/sok?option=journals&input=IOP+JPCS&page=1>)

After the conference, authors of selected top articles will be requested to expand their article for publication in a special issue in collaboration with journals with good ranking in the field, provided that sufficient number of articles are submitted.