

16th European Conference on Spacecraft Structures, Materials & Environmental Testing

Co-organized by



Calendar of Events

- 15.09.2019 **Call for Paper**
- 15.09.2019 **Registration opens**
- 14.02.2020 **Abstract Submission Deadline**
- 20.03.2020 **Notification of Authors**
- 10.04.2020 **Preliminary Program**
- 11.05.2020 **Paper Submission Deadline**
- 08.06.2020 **Workshops**
- 09.06.-12.06.2020 **Conference**

Aim and Scope

The aim of the European Conference on Spacecraft Structures, Materials and Environmental Testing is to promote and facilitate discussion and exchange of experience and information among members of the various mechanical engineering disciplines and environmental testing community concerned with spacecraft development, assembly, integration and verification.

The conference sessions are devoted to:

- Mechanical architecture, design and engineering
- Structures
- Materials (metallic, composite, ceramics)
- Structural dynamics including shock and micro vibration
- In-flight experiments and flight data
- Environmental testing and test prediction
- Additive layer manufacturing
- Demise design methodologies
- Thermo-elastic design and verification methodologies
- Space 4.0

The conference includes:

- Plenary and splinter sessions
- Poster sessions
- Round tables and mini-workshops
- Technical exhibition

Call for Papers

The organizers invite prospective authors to submit abstracts of papers for presentation at the conference. Abstracts should be submitted in English via the conference website: www.ecssmet2020.de.

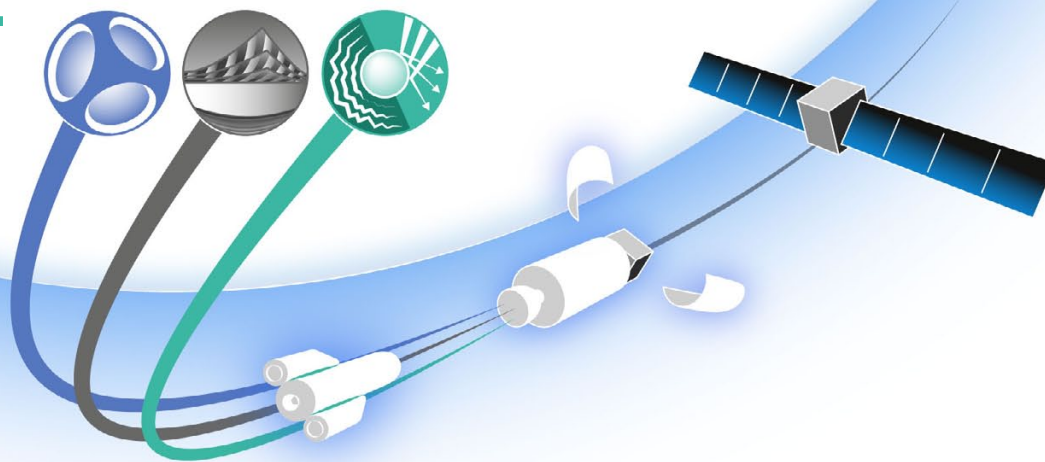
- Call for papers opens on 15th of September 2019
- Abstract submission deadline on 14th of February 2020
- Notification of authors on 20th of March 2020
- Paper submission deadline on 11th of May 2020



Venue

The ECSSMET 2020 will be held:

Steigenberger Parkhotel
Nimes-Strasse 2
D-38100 Braunschweig
Germany



Registration

Registration for the conference opens 15th of September 2019 on the conference website www.ecssmet2020.de.

The conference fees are listed below:

- Early bird registration 590€
- Regular registration 690€
- Student registration 390€

Contacts and further Information

More information on abstract and paper formats, registration and technical exhibition, the conference program, accommodation and travel planning are given on www.ecssmet2020.de.

For further questions, please contact us at ecssmet2020@dlr.de

The working language will be English

Workshops

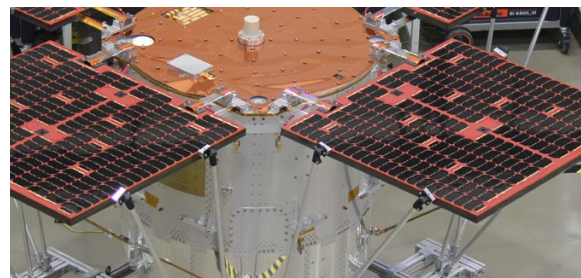
On Monday, 8th of June 2020, three workshops are held in the afternoon on the following topics:

- Thermo-Elastics
- Manufacturing and Assembly in Space (On Orbit and Planetary Surface)
- Virtual Qualification

Further information on the workshops are announced on the conference website.

Technical Exhibition

An exhibition of hardware and software items is planned during the conference. Interested organizations and individuals are invited to submit a request for permission to display their hardware and software products during the conference by e-mail (ecssmet2020@dlr.de).



Committees

Conference Chairmen:

- Torben Henriksen (ESA)
- Philippe Landiech (CNES)
- Christian Hühne (DLR)

Technical and Program Committee:

- Guglielmo Aglietti (University of Auckland)
- Chiara Bisagni (TU Delft)
- David Boban (TAS)
- Rafael Bureo Dacal (ESA/ESTEC)
- Gianluca Casarosa (ESA/ESTEC)
- Xu Chao (School of Astronautics)
- Graham Coe (ESA/ESTEC)
- Philippe Corberand (Airbus)
- Dario Di Maio (University of Twente)
- Christian Durin (CNES)
- Marcel Ellenbroek (Airbus)
- Tommaso Ghidini (ESA/ESTEC)
- Torben Henriksen (ESA/ESTEC)
- Martin Hillebrandt (DLR)
- Christian Hühne (DLR)
- Marie Jacquesson (CNES)
- Daniel Kaufman (NASA)
- Gaetan Kerschen (University of Liege)
- Andy Kiley (Airbus)
- Andreas Kommer (Airbus)
- Werner Konrad (Airbus)

- Vsevolod Koryanov (Baumann)
- Benoit Laine (ESA/ESTEC)
- Joaquin Martin (Airbus)
- Olaf Mierheim (DLR)
- Kilian Pfaab (CNES)
- Christian Puillet (CNES)
- Steve Roose (CSL)
- Qinzhong Shi (JAXA)
- Eric Standarovski (Airbus)
- Marco Straubel (DLR)
- Ralf Usinger (RUAG)

Organization Committee:

- Rebecca Bartkowski (DLR)
- Rafael Bureo Dacal (ESA)
- Torben Henriksen (ESA)
- Martin Hillebrandt (DLR)
- Christian Hühne (DLR)
- Doris Kobelt (DLR)
- Philippe Landiech (CNES)
- Olaf Mierheim (DLR)
- Petra Naoum (DLR)
- Kilian Pfaab (CNES)
- Svetlana Saburova (DLR)
- Jessica Treptow (DLR)