FISITA WORLD CONGRESS 2023

The Technology of Mobility Conference and Exhibition



12 – 15 September 2023

International Barcelona Convention Centre, Barcelona, Spain

Call for Papers

Organised by

FISITA STA



Welcome to FISITA World Congress 2023

We are delighted to be delivering the traditional FISITA World Congress within the new Technology of Mobility Conference and Exhibition which will take place on 12 – 15 September 2023 in Barcelona.

The new event still maintains the world-class technical congress as the place where the world's foremost experts in mobility systems engineering gather and showcase the latest innovations and breakthroughs in mobility and automotive engineering. The main themes of Design, Manufacture and Use allow a wide variety of technologies to be explored from software defined vehicles, to smart logistics through Intelligent transport systems, while the main themes cross-over safety & cybersecurity, sustainability, circular economy & LCA and digitalisation.

We invite you to join us in this technology of mobility discussion by submitting a technical paper on any of the FISITA World Congress themes. Reflecting our commitments to the next generation, we also encourage students and young engineers to submit a paper for consideration. Whatever your contribution to the technology of mobility agenda, you have a place and platform within the FISITA World Congress 2023.

Why present at FISITA World Congress 2023?

- Share your latest technical ideas and achievements with the world's leading mobility innovators and businesses
- Position your organisation as a leading innovator in mobility among the world's technical community
- Build your professional network with international experts
- Engage with common peer-groups and network with colleagues from student to CTO
- Help shape the future of mobility as the industry focuses on delivering the clean, safe and sustainable mobility evolution

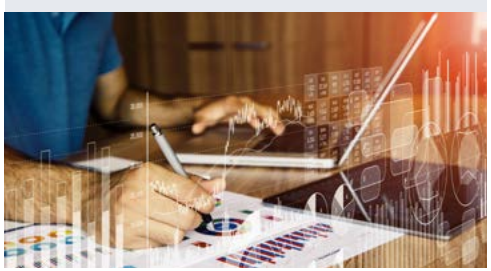


Call for Papers – FISITA World Congress themes

Original technical papers are invited on any of the following topics:

DESIGN

- Personal, commercial & multimodal mobility (road, off road and non road vehicles)
- Integrated safety, connected & automated driving
- Propulsion, power & energy efficiency
- Software defined vehicle
- Lightweight & advanced vehicle platforms
- Comfort technologies



MANUFACTURE

- Industry 4.0
- New manufacturing technology & methodology
- Smart logistics
- Advanced & sustainable materials



USE

- New mobility transport models, smart communities & cities
- User experience, lifestyle & aftermarket
- Planning & management
- Intelligent transport systems
- Road & energy infrastructure



UNIVERSAL THEMES

- Safety & cybersecurity
- Sustainability, circular economy & life cycle assessment
- Digitalisation
- Regulatory environment
- Automotive disruption







Student Papers

Undergraduate and postgraduate engineering students are invited to submit a paper. These papers will be incorporated within the congress sessions as a full paper with a student attribute.



How to submit your abstract

To submit your technical paper abstract, visit the conference website **click here**.

Submitted papers will be reviewed by the Congress Technical Committee leadership topic teams. All abstract submissions will be reviewed within seven working days from the date of submission (starting from 3 January 2023) and an email notification will be sent with the acceptance decision.

All accepted full technical paper authors will be required to submit a full paper to be published in the congress proceedings. All papers should be original works, not have been published elsewhere and be written as well as presented in English. 20 minutes will be allocated for each oral presentation, including question time.

If you require any assistance with the submission of your abstract please contact Emma Georgiades at **e.georgiades@fisita.com**









Requirements for technical paper abstracts

Abstracts should contain a clear description of the main scientific, technical, economic and / or practical points to be addressed, applied methodology and achieved results paying particular attention to those aspects of the work which are new, innovative and unique.

Authors should observe the following requirements:

- 1 x A4 page
- Maximum 700 words
- The paper should align with at least one of the themes of the conference
- Font/Typeface: Arial, 10 point, single line spacing
- No figures preferred, but can be included if essential
- Written in English

The following headings should be included in the abstract:

- Paper title
- Research and/or engineering questions / objective (maximum 100 words)
- Methodology (maximum 150 words)
- Results (maximum 150 words)
- Limitations of this study (maximum 100 words)
- What does the paper offer that is new in the field in comparison to other works of the author? (maximum 100 words)
- Conclusion (maximum 100 words)

Permissions and copyright assignment

All authors submitting a full written paper must assign copyright of their materials to FISITA in order for it to be published. By submiting a technical paper, you are giving permission for copyright to be assigned to FISITA.

All presenters wishing to be included in the event will be required to present in person as well as submitting a pre-record of their presentation. The pre-recorded video, along with the accompanying PDF of the technical paper / presentation slides will be available to Congress attendees and FISITA members after the event and by agreeing to take part in the event, you are giving permission for content to be used in this manner.

Key deadlines:

31 March 2023 – Deadline to submit abstracts

3 April 2023 – Deadline to submit review-ready technical paper

1 June 2023 – Deadline to submit final amended technical paper

1 July 2023 – Deadline to upload draft presentation slides

14 August 2023 – Deadline to upload final slides and video



FISITA

About FISITA

FISITA is the global membership organisation for the automotive and mobility systems engineering community. It now brings together hundreds of thousands of engineers across four member-category types including automotive engineering societies, corporate members, strategic partners, and academia.

FISITA brings its members together in a pre-competitive environment to develop thought leadership, collaborate on projects, network and share knowledge. For more information on FISITA membership and benefits please contact: info@fisita.com

STA

About STA

The Sociedad de Técnicos de Automoción (STA) is a co-founding member of FISITA since 1948 and has more than 800 Individual and corporate bembers. Our mission is to promote the progress of the technological advances and mobility within the Spanish automotive industry and to provide a neutral platform to share experiences and opinions among peers.

To achieve our goals, the STA works as a local and global platform for knowledge exchange between industry and academia, with particular emphasis on being a leading advocate for the education of young engineers. We also are a significant local and global events organiser, including technical sessions at the Automobile Barcelona, International Congresses, and the Formula Student Spain competition, among many others.

For more information on STA membership and benefits please contact STA's administration manager via **sta@stauto.org**

www.stauto.org