The 38th FISITA World Congress held in Prague, Czech Republic, from 14 to 18 September 2020, will provide the perfect opportunity for students and young engineers to learn, exchange knowledge and network with international colleagues as well as experts and leaders from industry and academia. Czech Automotive Society has designed a number of activities for Students and Young Engineers at FISITA 2020 – these start before and lead into the Congress as well as take place throughout the event. Initiatives will include Student Papers, Travelling Fellowship Programme, Educating the Mobility Engineers of Tomorrow (EMET) Panel and the opportunity to showcase mobility engineering projects from university teams within the Islands of Excellence competition. For the first time, the Virtual Islands of Excellence will be presented during the Congress, giving engineering students from around the world the opportunity to present and discuss their research projects remotely to a global audience.

### Student Papers

These papers will be incorporated within the Congress sessions as a full paper with a student attribute. This means students can directly interact with mobility experts who can immediately assess the benefits of the student work and discuss their future development steps. Full-time undergraduate and postgraduate engineering students are invited to apply – not only will you qualify for a reduced rate you will also benefit from direct interaction with senior experts.

### Islands of Excellence

This event provides a unique opportunity for universities and research institutes to showcase their innovative mobility projects, as a part of the exhibition of the FISITA 2020 World Congress. Czech Automotive Society offers 45 m² exhibition space per Island and use of basic exhibition equipment. Student teams can also apply to present via the Virtual Island of Excellence, where the presentation will be delivered remotely online.

### Educating the Mobility Engineers of Tomorrow (EMET)

The EMET session addresses crucial issues for engineering education, covering the latest trends and developments from both education and industry perspectives. The session brings together a carefully selected panel of leading figures from academia with a link to industry, to discuss engineering education trends and the global skills agenda with in-depth analysis and lively debate.

### IMPORTANT DATES – STUDENT OPPORTUNITIES – PAPERS

- **30 November 2020** Deadline to submit abstracts
- **01 March 2021** Notification of student authors
- **01 May 2021** Deadline for review ready full papers
- **15 July 2021** Deadline for final manuscripts
- **31 August 2021** Deadline for upload of presentations

### IMPORTANT DATES – STUDENT OPPORTUNITIES – TRAVELLING FELLOWSHIP

- **30 November 2020** Deadline to submit abstracts for the congress
- **31 March 2021** Deadline to submit applications
- **30 June 2021** Notification of applicants

### IMPORTANT DATES – STUDENT OPPORTUNITIES – ISLANDS OF EXCELLENCE (INCLUDING VIRTUAL)

- **31 March 2021** Deadline to submit applications
- **30 June 2021** Notification of applicants
Dear colleagues,

On behalf of the organisers, Czech Automotive Society and the international organisation of automotive engineers FISITA, we would like to invite you to the 38th FISITA World Congress which will take place on September 13th–17th, 2021 in Prague, Czech Republic.

The main theme of the Congress “Automobile and Mobility. New Roles. New Challenges” reflects together with the Congress topics the forthcoming significant changes. We are focusing to prepare a balanced programme with the strong adherence to future trends in mobility, based on plenary sessions, concurrent sessions, round tables, student programme and technical visits. The strong programme enriched with top keynote speakers is going to guarantee the high-quality scientific content of the upcoming congress. FISITA World Congress is a unique opportunity to learn, share experience and create new business contacts. We encourage you to contribute to the high-level of the congress and submit a round table theme or a technical paper detailing your latest work in any of the congress topics.

FISITA 2020 hosting destination, the astonishing city of Prague has remarkable architecture, great accessibility and last but not least high level of safety. On top of that, automotive industry writes long tradition in the Czech Republic, the first car in Czechia was manufactured in 1897 and the Czech Republic belongs among European mobility hubs.

Submit papers will be reviewed by the Scientific & Technical Committee (STC) of FISITA 2020. The STC reserves the right to assign accepted papers for oral presentation to the technical sessions. All accepted authors will be required to submit a full paper to be published in the Congress Proceedings. All papers should be original works and not have been published elsewhere. 20 minutes will be allocated for each oral presentation, including discussion time.

Abstracts should contain 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.

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Requirements for Technical Paper Abstracts

Abstracts should contain 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.

Important Dates – Technical Papers

30 November 2020 Deadline to submit abstracts
01 March 2021 Notification of abstract acceptance
01 May 2021 Deadline for review ready full papers
15 July 2021 Deadline for final manuscripts
15 August 2021 Notification of full paper acceptance
31 August 2021 Deadline for upload of presentations

Important Dates – Round Table Themes

30 November 2020 Deadline to submit round table themes
31 January 2021 Notification of round table themes
31 August 2021 Deadline for upload of presentations

Abstract Format

- Minimum 300 words and maximum 500 words without figures
- 3-5 keywords
- Language: English
- All abstract must be submitted electronically at www.fisita.com/fisita2021

See http://www.fisita.com/fisita2021 for the detailed information on subtopics.

WELCOME TO FISITA CONGRESS

CONGRESS TOPICS

1. Digital Transformation
2. Advanced Vehicle Driveline and Energy Management
3. Emissions and Pollutants Caused by Vehicles
4. Conventional and Alternative Fuels and Lubricants
5. Mobility Comfort
6. Automated and Connected Mobility
7. Vehicle Dynamics and Controls
8. Passive and Integral Safety
9. Vehicle Electronics and Software
10. Manufacturing, Materials and Lightweight Solutions

Round Table themes will be run in parallel to the technical paper presentations. The STC will select the round table themes based on the submitted abstracts. If selected, the proposer will manage their round table discussion as a Round Table Leader. The Leaders will present a kick-off presentation to introduce the theme and define the key questions. The round table abstract should be prepared in the same format as the technical paper abstracts and should focus on the description of the theme and the key questions.

Prof. Frank Zhao
FISITA President

Prof. Jan Macek
President of 38th FISITA World Congress

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WWW.FISITA.COM/FISITA2021