

Call for Abstracts - Guidelines

IMPORTANT DATES TO CONSIDER:

- Abstract Submission Deadline: **31 May 2024**
- Notification of Acceptance of Abstracts: **14 June 2024**
- Paper and e-poster submission deadline for accepted abstracts: **17 July 2024**

All parties interested in presenting a paper or e-poster at the **IRSC 2024 Conference** are invited to submit their abstract for review.

Selected abstracts will be chosen for **papers** for either an oral presentation during the Core Conference Days or as **e-posters** for virtual consultation.

Please read the following submission rules carefully before submitting an abstract:

- Abstracts must only be **submitted via the IRSC 2024 website**.
- Abstracts submitted by **e-mail cannot be accepted**.
- Abstracts must be received by the **announced deadline**.
- Abstracts received after the deadline **will not be considered**.
- Please **indicate the topic** from the abstract topics list and your **preferred type of presentation** (paper for oral presentation or e-poster) during your **online submission**.
- The **Committee** will endeavor to schedule abstracts according to authors' preferences but reserves the right to decide on the final form of presentation.

Please consider the following compulsory instructions for Abstract submission:

- A **specific template** will be provided by Congress Secretariat for the abstract.
- The text should not exceed **400 words** (excluding title, authors bibliography and key words)
- It is acceptable to include **up to 2 tables, graphics, or images (jpg, jpeg, png format. Maximum size 3MB in total)** as part of the abstract, however they must be of good quality.
- All abstracts must be submitted and presented in **clear English** with accurate grammar and spelling of a quality suitable for publication.
- **Papers** will not be edited by the Congress Secretariat prior to publication, therefore please check the grammar and spelling carefully.

Oral Presentations:

Selected abstracts will be chosen for an oral presentation of **maximum 20 minutes** during the Congress sessions. The **chosen abstracts** must be followed by a **paper from 3.500 to 4.000 words**. The authors of oral presentation are also encouraged to prepare an **e-poster** of their abstract.

E-Poster Presentation:

Abstracts selected for posters will be presented as **e-posters** and will be viewed during the congress either via the onsite e-poster area and exhibited at congress venue during the breaks.

Publication:

All **accepted papers** will be published and available for download on the congress website until **18th October 2024**, and permanently available on the [IRSC official website](#).

Registration:

Please note that **the acceptance of an abstract** does not include the **congress registration**. The presenting author must be a registered participant, otherwise the presentation of the paper will not be included in the program.

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ABSTRACT SUBMISSION CATEGORIES

Irrespective of the sub-questions below, case studies, greenfield approaches and innovative concepts are welcome for all topics, taking into account: technology (system, rolling stock, infrastructure), organization and human & organizational factors.

Abstracts should be based on the following topics:

1. Safety on Track: CCS | ATO | ETCS.

- a. How to achieve a high level of safety in train control (CCS - Control, Command and Signaling), considering cost-efficiency, innovation and interoperability? – in general and in specific for regional railways/secondary lines.
- b. Is the ongoing global transformation/technological development (CCS, ATO) addressing the future needs, demands and challenges, from the perspective of operators/customers/authorities?
- c. How sufficient are the ongoing efforts towards the corresponding harmonization of operational procedures/rules in particular to safety aspects?
- d. New vision: what would the best solution look like today, when considering maximum security, costs, available technology, expected leaps in technology, ...?
- e. Safety in transition? What are the requirements, fields of application, challenges and potentials of ATO?

2. Safety Culture | Safety Performance | Safety in Transition.

- a. How safety culture and leadership help to improve safety performance?
- b. How to measure the effectiveness of safety culture?
- c. One term, one hundred meanings: variety of different safety culture approaches.
- d. Just culture: responsibility, underlying cause (e.g. HOF), safety behavior, risk perception.
- e. Lessons learned: best practices, real experiences, strengths, weaknesses, difficulties, accident investigations.

3. Level Crossing | Safety on Rail & Road.

- a. What innovative concepts and potential will there be in the vehicle configuration?
- b. How to benefit from the interaction between road and rail. (e.g. virtual vehicle)

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4. Tunnel Safety.

- a. Ideas and approaches for creating the resilience of an efficient railway network - possible relocations in the event of system failure and/or failure of a main transport axis (tunnel).
- b. How could a tunnel be protected in the best possible way to minimise the impact of an accident? (e.g. tunnel safety strategies, efficient and target orientated emergency management, ...)
- c. Lessons learned: best practices, real experiences, strengths, weaknesses, difficulties, accident investigations.

5. Occupational Safety | Shunting.

- a. Which technologies can be implemented in order to stepwise support or release occupational safety?
- b. How can innovative concepts support or release the daily work-life? (e.g. drones, robotics, DAC, etc.)

6. Rail Freight | Performance & Safety.

- a. Innovative concepts for the freight train of tomorrow, how can safety be improved? (e.g. RID)
- b. How to ensure the permanent (technical) monitoring of relevant conditions?
- c. How to prevent derailment (risk, new technologies)?
- d. How can the protection of the environment be ensured?
- e. How can the impact on the environment be decreased?

7. Urban Mobility meets Safety.

- a. What risks and opportunities can alternative drives generate? (e.g. e-mobility, hydrogen, ...)
- b. What influence do alternative drives have during transport?
- c. How can accidents to persons be prevented? (e.g. by technological innovations, ...)
- d. Exchange of experience from various industries/sectors.

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E-POSTER PRESENTATION

IMPORTANT DATES TO CONSIDER:

E-poster Upload Deadline: **17 July 2024**

All accepted e-posters will be published and available on the onsite e-Poster area until **18 October 2024**. E-posters must be uploaded before the deadline to be accepted and published. The **e-poster** must be submitted via the abstract platform and must be followed the specific format requirements:

- A **specific template** will be provided by Congress Secretariat for the poster.
- The text should not exceed **200** words (excluding title, authors bibliography and key words) It is acceptable to include **up to 2 tables, graphics, or images (jpg, jpeg, png format. maximum size 5MB in total)**

Registration for this congress is handled by IRSC Secretariat

For further information or clarifications regarding **IRSC 2024** in Vienna, please do not hesitate to visit our website irsc2024.com or contact us via irsc2024@oebb.at.