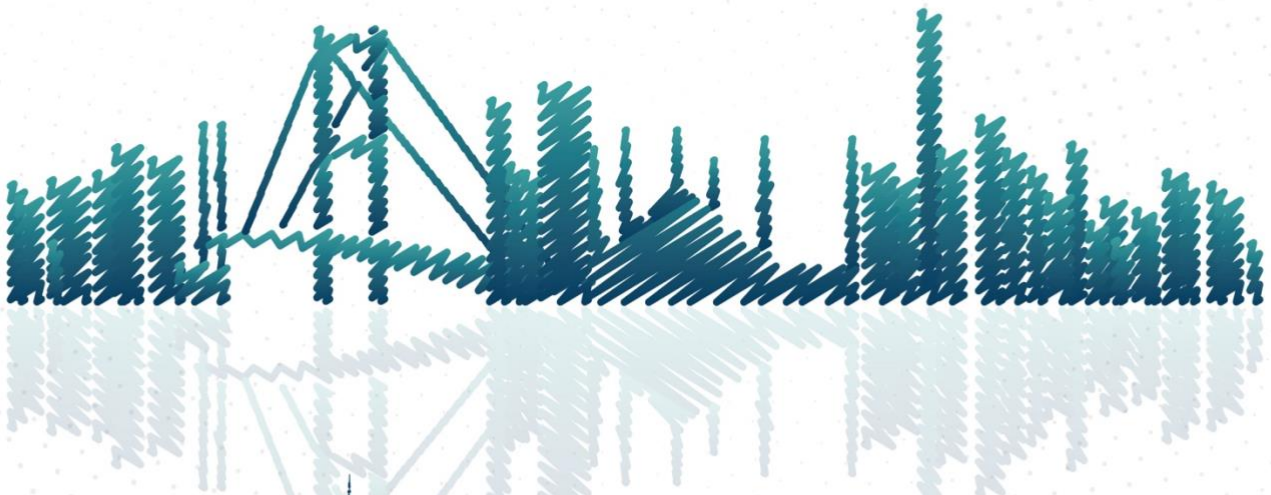




**WORLD  
CONGRESS  
2024**

***Connecting to Empower Mobility:  
Roads as Enablers of a Sustainable  
Future for All***



**ISTANBUL**

**15-18 October** *Türkiye*

**[www.irfnet.ch](http://www.irfnet.ch)**

## CALL FOR ABSTRACTS

# IRF World Congress 2024

**Connecting to Empower Mobility:  
Roads as Enablers of a Sustainable Future for All**

**15 – 18 October 2024 | Istanbul, Türkiye**

### 1. Introduction

The [International Road Federation \(IRF\)](http://www.irfnet.ch) is pleased to announce that the Call for Abstracts for the **IRF World Congress 2024** is now open. Istanbul – the city on two continents – will be hosting the Congress on **15-18 October 2024**. Held every four years, the IRF World Congress has represented – for almost seven decades – an opportunity to celebrate the road and mobility sectors as enablers of growth and development.

Embracing the theme **“Connecting to Empower Mobility: Roads as Enablers of a Sustainable Future for All”**, the congress will serve as a platform for global leaders, industry experts, academia, and diverse public and private stakeholders to engage in insightful discussions and collaborative efforts, addressing pivotal issues and exploring innovations within the road and mobility sectors.

This 2024 edition will be **an inspiring journey on how to pave the way for a future where roads are part of a transportation system that unites, empowers, and provides access to opportunities to all.**

The call for abstracts is open to individuals, organisations, and institutions eager to present innovative ideas & practices, research findings, new techniques, new products and projects' results.

**The deadline for abstracts' submission is 31 March 2024.**

[www.irfnet.ch](http://www.irfnet.ch) | [IRF2024@irfnet.ch](mailto:IRF2024@irfnet.ch)

## 2. Key Information

- The submissions should present innovative ideas & practices, case studies, research findings, new techniques, new products and projects' results relating to one or more of the themes and sub-themes of the congress.
- **Abstract submission does not imply mandatory submission of a full paper if selected.** Authors can choose to submit or not a full paper. In the selection procedure, preference will be given to those submitting a full paper.
- Abstracts/Papers will be reviewed anonymously by a Reviewers Committee made up of international experts with relevant expertise on the congress topics.
- The Abstracts/Papers will be evaluated on the relevance to the conference theme, originality and quality of the content, the technical interest and the applicability and transferability of the knowledge and results.
- The Programme Committee holds the responsibility for final decisions on acceptance and presentation format, considering many factors including diversity, inclusion and quality considerations.
- After selection, authors will be informed about the format, time, manner of presentation and embedding in the programme of the Congress.
- **Full Papers that are accepted will be published and can compete for the Best Paper Award.** Publication of the accepted papers is subject to the registration of at least of one of the co-authors to the Congress.
- All presenters at the congress must be registered congress participants and be present in Istanbul for presentation.

## 3. Practical Notes for Authors

**Language:** Abstracts & Full Papers must be written and submitted in English

**Length:** The abstract should not exceed **350 words**.

**Submission:** Abstracts must be submitted using the Abstract Submission Portal: <https://www.abstractmodule.com/2024irf/> You are allowed to submit several abstracts, but each one will have to be submitted through the portal individually.

**Format:** The submission portal allows you to indicate whether you prefer an oral presentation or a poster presentation. The indication of a brand name should be

excluded in the title and in the abstract to allow anonymous revision by the Reviewers Committee.

**Theme/Sub-theme:** Note that the submission portal allows you to select only 1 theme or sub-theme. Please select the one that better corresponds to your submission. We encourage the use of keywords in the dedicated section to flag out connections with other themes or sub-themes.

**Keywords:** The Keywords listed in the submission portal are not a prescriptive list. You are allowed to use additional keywords as needed.

**Deadline:** Abstracts submitted after the **31<sup>st</sup> March 2024** will not be considered.

**Data & Privacy policy:** By accessing the portal and submitting an abstract, you accept [IRF Data and Privacy Policy](#).

**Copyright:** By submitting your abstract and/or presenting at the IRF World Congress 2024, you affirm that you possess the rights to present and submit the content of your abstract, along with associated data, pictures, and photos. You agree to ensure the inclusion of all necessary sources in your presentation where relevant. You grant to the conference organisers (International Road Federation) the permission to use the abstract (in whole or in part) for the programme outline, promotion, and presentation of the congress before, during, and after the event.

## 4. Congress Themes and Sub-Themes for Technical Programme

We invite you to contribute a proposal aligned with the congress themes and sub-themes:

### A. Theme - Sustainable Roads & Transport Development

- A.1 Smart and Sustainable Transportation Systems
- A.2 Roads as Catalysts of Connectivity & Economic Development
- A.3 Cross-Border Connectivity and Cooperation
- A.4 Harmonising Standards for International Road Networks
- A.5 Sustainable Freight Transportation Solutions
- A.6 Resilient Road Networks for Resilient Transport & Societies
- A.7 Good Governance and Road Systems' Reforms
- A.8 Road Networks Classification

### B. Theme - Inclusive and Accessible Mobility

- B.1 Universal Design for Roads and Transport



- B.2 Accessibility for Persons with Disabilities
- B.3 Social Equity in Transportation Planning
- B.4 Gender-specific Issues in Road Transport
- B.5 Technology for Inclusive and Accessible Travel

## **C. Theme - Urban and Rural Roads and Mobility**

- C.1 Urban Planning and Integrated Transportation
- C.2 Multi-modal Transportation Solutions
- C.3 Mobility as a Service (MaaS)
- C.4 Public Transport & Informal Transport
- C.5 Redesigning Streets for People & Planet
- C.6 Cycling & Walking
- C.7 Rural Roads for Development
- C.8 Local Community Involvement in Rural Road Development & Maintenance.
- C.9 KPIs for Evaluating Maintenance Performance

## **D. Theme - Climate Change Mitigation and Adaptation**

- D.1 Decarbonisation in Road Infrastructure & Transport
- D.2 Climate-Resilient Roads & Transportation
- D.3 Innovative Materials and Practices in Climate-Adaptive Roads
- D.4 Emissions Reduction Strategies in Logistics
- D.5 Extreme Weather Events & Disaster Preparedness and Management
- D.6 Design Standards for Climate-Resilient Roads

## **E. Theme - Safe Roads and Mobility**

- E.1 Road Safety Innovations and Evidence-Based Practices
- E.2 Multi-Modal Transport and Land-Use Planning for a Safe System
- E.3 Institutional Capacity Development for Safer Roads
- E.4 Safety Standards, Policies and Legislation
- E.5 Road Safety Audits and Inspections
- E.6 Safety for Vulnerable Road Users
- E.7 Powered Two-And-Three-Wheeler Safety
- E.8 Emergency Response and Incident Management
- E.9 Road Safety Education & Public Awareness Campaigns
- E.10 Innovative Finance Mechanisms for Safer Roads & Mobility

## **F. Theme - Environmental Stewardship**

- F.1 Biodiversity Conservation in Road Projects
- F.2 Minimising Environmental Impact in Road Construction & Operations

- F.3 Sustainable Materials & Practices in Road Infrastructure
- F.4 Materials Recycling & Pavement Preservation
- F.5 Air Quality & Noise Management
- F.6 Landscaping & Aesthetics
- F.7 Green Public Procurement for Roads

## **G. Theme - Innovative Technologies & Practices**

- G.1 Digitalisation for better planning, design & construction
- G.2 Big Data Applications in Transportation Planning
- G.3 Intelligent Transportation Systems (ITS)
- G.4 Emerging Technologies in Road Construction & Maintenance
- G.5 Traffic Management Systems & Operations
- G.6 Data-Driven Decision Making in Asset Management
- G.7 Innovation for Bridges & Tunnels
- G.8 Data Privacy and Security in Smart Transportation

## **H. Theme - Energy Transition, Electric & Alternative Fuels**

- H.1 Integration of Electric Vehicles (EVs) into Transportation Systems
- H.2 Sustainable Fuels for Public and Private Transport
- H.3 Charging Infrastructure and Battery Technology
- H.4 Electric Road Systems
- H.5 Policy & Regulatory Frameworks for the Energy Transition

## **I. Theme - Connected, Cooperative, and Automated Mobility (CCAM)**

- I.1 Physical and Digital Infrastructure (PDI)
- I.2 Cybersecurity
- I.3 Ethical Considerations
- I.4 Policy & Regulation
- I.5 CCAM and Traffic Efficiency, Safety and Sustainability
- I.6 Data Management and Analytics
- I.7 International Collaboration in CCAM Development

## **J. Theme - Funding & Financing for Sustainable Roads**

- J.1 Innovative Financing Models for Road Projects
- J.2 Sustainable Funding for Road Maintenance and Upgrades
- J.3 Public-Private Partnerships for Road Projects
- J.4 Tolling & Road Users Charging

## J.5 Performance-Based Contracts

**K. Theme - Workforce Development**

K.1 Capacity Building for Road Professionals

K.2 Skills Development in the Road Construction Industry

K.3 Diversity and Inclusion in the Road Workforce

K.4 Attracting &amp; Retaining Talents

K.5 Leadership &amp; Governance

**5. Important Deadlines**

<b>31 March 2024</b>	<b>Call for abstracts closes</b>
<b>By 30 April 2024</b>	Notification of acceptance
<b>15 June 2024</b>	Full Paper Submission (if applicable)
<b>30 June 2024</b>	Confirmation of Attendance

**6. Contact & Information**Email us: [irf2024@irfnet.ch](mailto:irf2024@irfnet.ch)Visit the website: [www.irfnet.ch/event/irf-world-congress-2024/](http://www.irfnet.ch/event/irf-world-congress-2024/)