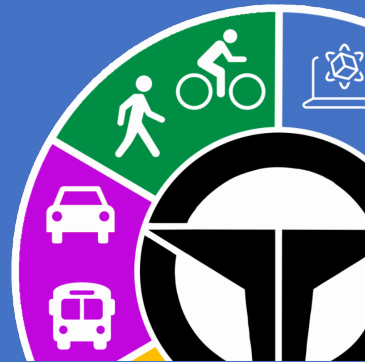


2024 Road Safety and Simulation Conference



October 28-31, 2024
The Hilton
Lexington, Kentucky

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2024 RSS Website

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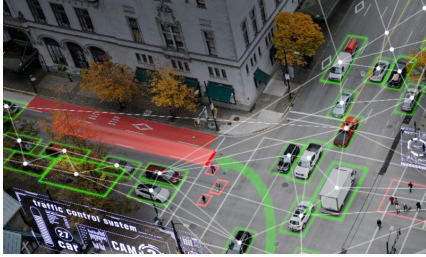
**EasyChair
Submissions**

Improving Decisions Through Safety and Simulation Tools

The Road Safety and Simulation International Conference was established in Rome in 2007 as a biannual platform for researchers and professionals of different research backgrounds and expertise to share individual experience and state-of-the-art research in the area of road safety and simulation.

The goal of the Conference is to improve upon the existing knowledge in the area of road safety and contribute to reducing the number of crash fatalities and injuries occurring worldwide, through the dissemination of innovative research and applications.

First Look at the Conference



Every two years, the International Road Safety and Simulation (RSS) Conference provides a platform to exchange research and best practices within the Transportation field. The event connects professionals from a broad range of backgrounds who all share the goal of advancing transportation safety and technology.



This year's RSS conference will focus on safety simulation and other tools to inform smarter decisions. Highlights will include general sessions about emerging research, current state-of-the-art practice, and the value this topic provides in decision-making. Experts in the field will lead hands-on workshops, including one that features Kentucky's driving simulator. On top of advancing research, the RSS conference will provide opportunities for networking and collaboration within the industry. If you would like to share your research in the field of road safety and simulation, or if you have experience with the application of a new tool or technology, please see the Call for Abstracts below.

RSS 2024 Call for Abstracts is OPEN!

Submission Guidelines

Abstracts

We welcome abstracts on all conference topics that present original research that has not been published or presented prior to the RSS 2024 conference. Abstracts are due by **1st February 2024**. Abstracts are limited to 500 words. Submitted abstracts will be reviewed by the Scientific Review Committee, with each abstract receiving at least two reviews. Abstract review criteria will include:

- Relevance to RSS 2024 audience and topics
- Sufficient description of the discussed research to reach a review decision

Submissions will be made through [EasyChair](#). Current EasyChair users can log in with their credentials after clicking the Submit button and new users can create an account.

[Submit Abstract Here](#)



Call for Full Papers

Full paper submissions will be peer reviewed by the Scientific Review Committee. Review assignments will be based on area of expertise. Each paper will be assigned to at least two reviewers who will provide feedback on the paper content and recommendations on paper acceptance. Accepted papers will be selected either for oral presentation or poster presentation.

Authors will be informed about their abstract acceptance by 1st March 2024, and will be called to submit full papers following the RSS 2024 paper template format by 1st May 2024. Please note that full papers must include research results in order to be considered for paper review. On-going studies that present preliminary results at this stage, but can guarantee to present the full results by the conference date, will also be considered for paper review.

Paper authors will be asked to revise papers based on reviewer comments and submit a final paper for inclusion in the conference proceedings. During submission, authors have various options regarding inclusion in conference proceedings as well as consideration for special issues in *Accident Analysis and Prevention*, *Advances in Transportation Studies*, *Journal of Transportation Safety and Security*, and *Traffic Safety Research*.

For questions about abstract submissions, please contact
Nik Stamatidis (nik.stamat@uky.edu) or
Reg Souleyrette (souleyrette@uky.edu)

List of Topics

The RSS 2024 Conference will bring together researchers, experts and stakeholders from several multidisciplinary communities that are active in the field of road safety: from traffic and infrastructure engineers to mechanical engineers, from psychologists and human factor experts to computer science researchers.

Key topics, among others, may include:

- Advanced Driver Assistance Systems
- Artificial Intelligence
- Augmented and Virtual Reality
- Behavioral Models
- Bicycle and Pedestrian Simulators
- Big Data for Road Safety
- Connected and Automated Vehicles
- Crash-Based Statistical Analysis
- Fitness to Drive
- Hazard Perception
- Human Factors
- Machine Learning
- Measures Impact Assessment
- Microsimulation
- Naturalistic Studies
- Performance Indicators
- Roadway Design

- Crash Causality
- Distraction and Inattention
- Driving Simulation
- Education and Training
- Emerging Technologies

- Safe Systems Approaches
- Safety Data Analytics
- Safety Modelling
- Surrogate Measures
- Vulnerable Road Users' Safety

Important Dates

Submissions will be completed in two phases (initially abstracts and subsequently full-text papers), through the RSS website, according to the following time schedule:

| | |
|------------------------|---|
| 1 February 2024 | Abstracts Due |
| 1 March 2024 | Notifications of Abstract Acceptance |
| 1 May 2024 | Paper Due |
| 1 July 2024 | Notifications of Paper Acceptance |
| 15 August 2024 | Final Paper and Confirmation to Present |

Sponsorship



Sponsorship support is an integral factor in the success of this conference. Sponsorships will allow you to highlight your company, demonstrate your contribution to transportation safety, and connect with leading safety practitioners for collaboration opportunities. We are pleased to offer three sponsorship levels ranging from \$2,000 to \$5,000. All sponsorship levels include complimentary registrations and highly visible promotional materials throughout the event. If your company is interested in supporting RSS with a sponsorship, please contact **Erin Lammers-Staats**.

Thanks in advance to our committed Sponsors:



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All About Lexington



Bourbon has largely impacted the history of Lexington, going back as far as the 18th century. What most people don't know is why Lexington is such a hub for the bourbon industry. The fertile soil of Kentucky is perfect for growing corn, combined with the limestone filtered water creates the ideal combination for distilling bourbon.

One of the first distilleries to open in Kentucky was "James E Pepper Distillery" which is now a widely popular distillery in Lexington. Since then, Kentucky is now home to over 100 distillers. Distilleries began opening in the early 19th century

More recently, tourism has played a major role in the success of the bourbon industry in Kentucky. People travel from all over the world to visit the collection of distilleries across the state. The thriving industry has made an impact on the community of Lexington, bringing tourism for a variety of bourbon themed events including tastings, festivals and concerts. Bourbon is more than the history of Lexington, it's an identity.



[For more information go to](#)

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which quickly led to bourbon being the leading industry in Lexington. There is no doubt that the 20th century prohibition era brought challenges for the bourbon industry in Kentucky. The commitment and passion distillers had for their craft helped them rebuild the industry after this period of decline, in turn making Kentucky the leading bourbon producer.



Contact Information

- For questions about abstract submissions, please contact Nik Stamatiadis (nik.stamat@uky.edu) or Reg Souleyrette (souleyrette@uky.edu).
- For sponsorship and hosting exhibitor booth enquiries please contact Erin Lammers-Staats (erin.lammers@uky.edu).
- For general questions about RSS 2024, please send enquiries to Eric Green (eric.green@uky.edu).
- For questions about registration, please contact Miriam Reber (miriam.reber@uky.edu).

KTC Technology Transfer Program | 176 Raymond Building, Lexington, KY 40506

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