THE IEEE INTELLIGENT VEHICLES SYMPOSIUM (IV 2023) is the premier annual forum organized by the IEEE Intelligent Transportation Systems Society (ITSS). Researchers, academicians, and practitioners from universities, industry, and government agencies are invited to submit their latest research papers, simulation challenges, and applications on Intelligent Vehicles and Intelligent Vehicle Infrastructures. The conference will feature Plenary Talks, Technical Sessions, Poster Sessions, Tutorials, Workshops, Exhibition and Industrial Demo Challenges. The technical presentations are characterized by a single session format so that all attendees remain in a single room for multilateral communications in an informal atmosphere. Workshops will be offered on the first day followed by three days of presentations and a vehicle demonstration day. An exhibition area will be available for the presentation of products and projects. The IEEE IV 2023 will take place in Anchorage Alaska, USA and will offer a competitive Technical Program and a Memorable Social Program.

Authors are invited to submit full-length papers up to 6 pages for technical content including figures and references. Additional pages will be charged at the rate of $100 per page and is limited to two pages per paper. Each accepted paper must be covered by at least one non-student registration. Additional papers by the same authors will be charged at the flat rate of $400 per paper.

To maximize visibility and impact, all accepted papers will be published in IEEE Xplore digital library through Open Preview and will be freely accessible and downloadable by all, in final format, beginning one month prior to the conference and through the conference end date.

TOPICS OF INTEREST

» Advanced Driver Assistance Systems
» Policies and Regulations for IV
» Automated Vehicles
» Autonomous / Intelligent Robotic Vehicles
» Connected & Cooperative Vehicles
» Image, Radar, Lidar Signal Processing
» Vehicular Safety, Active and Passive
» Information Fusion
» Vehicle Environment Perception
» Vehicle Control
» Driver State and Intent Recognition
» Human Factors
» Smart Infrastructure
» Intelligent Vehicle Software Infrastructure
» Artificial Intelligence
» Teleoperation of IV
» Collision Avoidance
» Ethics and IV
» Pedestrian Protection
» Advanced sensing and recognition