



CALL FOR PAPERS

The Mexican Association of Robotics and Industry, A.C. (AMRob), and the National Technological Institute of Mexico Campus Tijuana are pleased to invite Students, Teachers, Researchers and Professionals who are in the industry, to send their contributed papers to **XXIII Mexican Congress of Robotics (COMRob 2021)**, which will be held Wednesday through Friday, October 27-29, 2021 at Tecnológico Nacional de México, Tijuana Campus, Tijuana, Baja California, México. The paper submission site will be open from April 19th to June 20th, 2021; authors resources and more event information will be available at the web page of the congress: <https://comrob.tijuana.tecnm.mx/2021/>. Important submission dates: Full Paper Submission Date ~~6/20/2021~~ (extended to **21/07/2021**), Notification of Acceptance Date 8/30/2021, and Final Paper Submission Date 9/30/2021.

XXIII COMRob 2021 is an event hosted by the **Mexican Association of Robotics and Industry, A.C. (AMRob)**, whose primary purpose is robotics promotion and dissemination. This event attracts the attention of students, researchers and professionals from undergraduate to graduate levels, with the need of presenting the progress and results of their educational, research, technological development and industrial applications projects. Subjects of interest, which are no limited to those mentioned here, include:

Linear Control	Educative Robotics	Kinematic Modeling
Non-Linear Control	Competition Robotics	Dynamic Modeling
Impedance Control	Medical Robotics	Robot Design
Fuzzy Control	Autonomous Robots	Simulation
Adaptive Control	Hexapod Robots	Robots Teleoperation
Robot Control	Unicycle Robots	Virtual Reality
Mobile Robotics	Collaborative Robots	Haptic Interfaces
Humanoid Robotics	Parallel Platforms	Vision

Scientific Committee will evaluate quality of contributions. On August 14th the acceptance or rejection of the articles will be notified. At least one of the authors must register to the event and make the oral presentation. The Scientific Committee will also select the papers that will compete for the **Dr. Rafael Kelly** award, based on the quality of its technological contribution to the Robotics area, notifying the authors; these papers must be presented by student authors in order to be evaluated in their oral presentation as well. The former Presidents Committee will evaluate the paper, oral presentation, and its contribution to robotics area, selecting a winner for both undergraduate and graduate categories, the latter will be provided an economic stimulus and recognition.

Since 2020, an award to best papers submitted by students is given, in industrial robotics related topics, in honor to our association member and former president **M.C. Javier Campos**; the Scientific Committee will evaluate nominated papers, as well as the presentation, selecting a winner for economic stimulus and recognition.

Best evaluated papers by the Scientific Committee will be published in **AMRob Journal: Theory and Applications** magazine. **The best evaluated and English written papers will be published in IEEE Xplore Digital Library data base.**

We look forward to your valuable contributions and see you all at the congress, receive our best regards.

Dr. Luis Néstor Coria de los Ríos
President of the Organizing Committee
XXIII COMRob 2021

Dr. Jesús Alberto Sandoval Galarza
President of the Mexican Association of Robotics
and Industry (AMRob) 2020-2023