Call for Papers

Ibero-America
March 13-16, 2022

HYBRID
SMART DISTRIBUTED CONFERENCE

Call for Full, WIP and Workshop Proposal Papers Deadline – September 20, 2021

EDUNINE2022 Website: https://edunine.eu/edunine2022/

The **VI IEEE World Engineering Education Conference (EDUNINE2022)** will be held as a **Smart Distributed Conference** in **IBERO-AMERICA** from **March 13 to 16, 2022.**

The **EDUNINE2022** conference will be hybrid, with online and face-to-face presentations in the cities/countries of **Latin America** that hosted previous editions of **EDUNINE** and in **Spain** and **Portugal** linked to each other using currently available technological solutions. It will be a smart conference split in multiple small events in each city to improve accessibility for all participants reducing travel distances and to cope with the restrictions that might still be in place due to COVID-19. A way to maintain the best of face-to-face conferences.

The authors may choose to present their papers **"in-person"** at one of the conference cities or **"online-only"** using the online platform. Both forms of presentation of the paper are equivalent. All online and face-to-face sessions will be accessible online at the times provided in the schedule. On-site presentations will be subject to the health recommendations of each country because the health of the participants and organizers is our priority. All participants will have access to the online platform.

The **IEEE World Conference on Engineering Education - EDUNINE** will be held every year in a different Latin American city, for this edition, in multiple interconnected cities. It is an annual conference of the **IEEE Education Society** organized jointly with **COPEC** for **Region 9 (Latin America)**. This conference is part of the renowned list of regional conferences of this Society that are: **FIE**, **EDUCON, EDUNINE**, and **TALE**.

The **theme** of this edition is ***"Rethinking Engineering Education After COVID-19: A Path to the New Normal"***. Conferences on Education in Engineering, Computing and Technology are more relevant than ever for bridging communities and helping educators and policymakers to find creative and innovative solutions as a response to teaching and learning in the present crisis and the longer-term future.

Prospective authors are invited to submit original papers as **Full Paper (6 pages), Work-in-Progress Paper (4 pages)** or **Workshop Proposals (2 or 6 pages)**. Submissions are welcome on a variety of **suggested topics** (see next page). We also encourage **contributions** that address the unprecedented disruption caused by **COVID-19** on all aspects of higher education.

All papers must be **written in English** which is the official language of the Conference to address a wider audience. The papers will be evaluated by peers based on originality, technical and/or research content/depth, correctness, relevance to conference, contributions, and readability.

Accepted and presented papers will be submitted for inclusion in the **IEEE Xplore® digital library**. *IEEE has agreements in place with other publishers and services, such as Google, Elsevier (Scopus, ScienceDirect and, Compendex), Web of Science, Ei Engineering Village, and Scitopia.org.* The **languages for the presentations** are **English** and also **Portuguese** and **Spanish**, corresponding to the most spoken languages in the Latin American region. There will be no poster sessions.

In addition to the **Paper Presentations**, we will offer **Workshops, Plenaries, Panels,** and **Special Sessions**.

For more information, please see the **conference website**: https://edunine.eu/edunine2022/
(Contact: edunine@edunine.eu)

IMPORTANT DATES

Full, WIP or Workshop Paper Submission:	**September 20, 2021**
Acceptance Notification:	**November 15, 2021**
Final Paper & Registration:	**December 20, 2021**
Conference:	**March 13-16, 2022**

IEEE Education Society

COPEC Science and Education Research Organization

INTERNATIONAL INSTITUTE OF EDUCATION

EDU 2022
HYBRID
SMART DISTRIBUTED CONFERENCE

Call for Papers

Ibero-America
March 13-16, 2022

Call for Full, WIP and Workshop Proposal Papers Deadline – September 20, 2021

EDUNINE2022 Website: https://edunine.eu/edunine2022/

Streams of Topics of the Conference

- ***Moving to Quality & Equitable Engineering, Computing, & Technology (ETC) Distance Learning Solutions during & after COVID-19*** *(Lesson learned from the implementation of ETC Distance Education at the time of COVID-19)**:***
  - ✓ *Transitioning Engineering, Computing, and Technology Education from face-to-face to Distance Learning strategies, equity-focused best practices & experiences;*
  - ✓ *ETC Distance Education infrastructure, technology & resources for learning, access, inclusion and equity to minimize the educational disruption & digital divide;*
  - ✓ *Learning design activities, goals, & students' engagement in ETC Distance Education;*
  - ✓ *Teacher training & support in ETC Distance Education;*
  - ✓ *Rethinking learning assessment & outcomes, challenges in assessing, testing, & grading student's learning in ETC Distance Education;*
  - ✓ *Leveraging Programs of Learning Continuity in Humanitarian Emergencies, challenges, advantages, limitations & perspectives on ETC Distance Education;*
- ***Broadening Learning / Teaching in ETC Education:***
  - ✓ *Effective learning activities, innovations, methodologies, & practice in ETC Education;*
  - ✓ *21st. Century skills development & competencies in ETC Education (including global and regional competencies);*
  - ✓ *Student's learning experiences including inclusive learning, gender equality, and special education in ETC Education:*
  - ✓ *Adult, lifelong learning, & professional development in ETC;*
  - ✓ *Designing class activities to engage women in ETC Education;*
  - ✓ *Interdisciplinary, multidisciplinary, & transdisciplinary learning experiences in ETC Education;*
  - ✓ *Effective learning activities for multicultural inclusion and indigenous perspectives in ETC Education;*
  - ✓ *New experiences for language learning in ETC Education*
  - ✓ *Teaching research and innovation in ETC Courses;*
  - ✓ *Sustainability and ethics in ETC Education.*
- ***Innovative Learning Spaces in ETC Education****:*
  - ✓ *Technology blended learning in ETC Education;*
  - ✓ *Innovative, accessible & inclusive learning environments in ETC Education;*
  - ✓ *Open and flexible learning spaces in ETC Education;*
  - ✓ *Infrastructure & educational technologies/ICT applications/open educational resources/ courseware in ETC Education;*
  - ✓ *Online/E-learning/M-learning spaces in ETC Education;*
  - ✓ *MOOC (Massive Open Online Course) in ETC Education;*
  - ✓ *Smart classroom, virtual & remote labs, robotics in ETC Education;*
  - ✓ *Serious games, game-based learning, and gamification in ETC Education;*
  - ✓ *X-Reality and immersive learning environments in ETC Education;*
  - ✓ *Learning spaces for STEM Education in K-12 or Higher Education;*
- ***Improving Educational Organization Issues of ETC Education***
  - ✓ *Curriculum design & development in ETC Education;*
  - ✓ *National & regional accreditation in ETC Education;*
  - ✓ *Quality processes at national, regional, & international level in ETC Education;*
  - ✓ *Assessment & evaluation in ETC Education;*
  - ✓ *STEM Education in K-12 & Higher Education to engage the young generation and parents in ETC Education;*
  - ✓ *Staff and teacher education, pedagogy, practice & praxis in ETC Education;*
  - ✓ *Facilitation / training programs, mentorship, & professional guidance in ETC Education;*
  - ✓ *Links between research and education in ETC;*
  - ✓ *Retention & learner-support strategies in ETC Education.*

IEEE Education Society

COPEC Science and Education Research Organization

INTERNATIONAL INSTITUTE OF EDUCATION