



EDUNINE 2020 (IV IEEE World Engineering Education Conference) will be held in **Bogotá, Colombia**, the *Athens of South America* that is located in the north-eastern region of South America, from **March 15 to 18, 2020**, at the headquarters of the **U. San Jose** located in **MOSQUERA CUNDINAMARCA**.

The theme of this edition is ***the Challenges of Education in Engineering, Computing and Technology without exclusions: Innovation in the era of the Industrial Revolution 4.0***. The main objective is to provide innovative solutions to the challenges currently facing **Education in Engineering, Computing and Technology** in order to contribute to the improvement of the educational quality.

EDUNINE will be held every year in a different Latin American city. 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*.

Prospective authors are invited to submit original papers in one of the Submission types: **Full Paper (6 pages)** or **Work-in-Progress Paper (4 pages)**. The paper should describe a *classroom experience, teaching technique, curricular initiative, pedagogical tool* or an *educational research project*. Papers should address one or more of the *Thematic Streams*. Note that an **Abstract Submission** (maximum **150 words**) is required for all papers.

All **papers** and **abstracts** must be *written in English* which is the official language of the Conference in order 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.

Papers that are *accepted* will be *published* in the **IEEE Xplore® digital library** providing at least one author completes registration and presents the work at the Conference. The languages for the *oral 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 **Oral Presentations**, we will offer **Workshops, Special Sessions** and an **Exhibition of Equipment and Educational Systems to support Learning and Stands for Universities**.

For more information, please see the conference website: <https://www.edunine.eu/edunine2020/> (Contact: edunine@edunine.eu)

✓ New Important Dates

Abstract Submission:	August 26, 2019
Pre-acceptance Notification:	September 2, 2019
Full/WIP Paper Submission:	September 23, 2019
Acceptance Notification:	October 28, 2019
Final Paper & Registration:	November 25, 2019
Conference:	March 15-18, 2020

Thematic Streams

- **Improving Teaching and Learning:**
 - ✓ *Effective Learning Activities, Methodologies and Models, Practice, & Laboratories.*
 - ✓ *21st. Century Skills Development & Competences.*
 - ✓ *Learning Experiences, Student Learning & Diversity & Inclusion Issues*
 - ✓ *Education and Difference: Gifted Educ, Special Educ., Learning Difficulties & Disability.*
 - ✓ *Teaching Experiences, Pedagogy, Practice & Praxis*
 - ✓ *Support, Retention of Women & Gender Equality*
 - ✓ *Adult, Lifelong Learning, & Professional Development.*
 - ✓ *Interdisciplinary, Multidisciplinary & Transdisciplinary Educ.*
 - ✓ *Education & Research, Educ. Research Experiences.*
 - ✓ *Other Topics*
- **Redesigning Learning Spaces: Technology-Enhanced Learning and Digital Transformation:**
 - ✓ *Innovation, Challenges, Strategies & Experiences.*
 - ✓ *Infrastructure & Educational Technologies /ICT Applications/Digital Learning Materials*
 - ✓ *Online/E-Learning & Distance Learning*
 - ✓ *Mobile Learning, MOOC*
 - ✓ *Smart Classroom, Virtual & Remote Labs, Robotics*
 - ✓ *Social Media Technics*
 - ✓ *Serious Games, Game-Based Learning & Gamification*
 - ✓ *X-Reality & Immersive Learning Environments*
 - ✓ *Other Topics*
- **Innovation in Academic Management & Org.:**
 - ✓ *Curriculum Design & Development.*
 - ✓ *Accreditation and Quality Control*
 - ✓ *Assessment & Evaluation*
 - ✓ *Retention & Learner-Support Strategies*
 - ✓ *Educational Innovation, Internationalization Exp.*
 - ✓ *Other Topics*
- **Innovation in Teaching & Learning of the Common Core Curriculum:**
 - ✓ *Mathematics & Natural Sciences*
 - ✓ *Foreign Languages & Applied Linguistics (including ESL/TESL/TEFL)*
 - ✓ *Challenging & Preserving: Culture, Inter/Multiculturalism & Language*
 - ✓ *Economic, Social & Human Sciences*
 - ✓ *Professional, Ethical & Social Responsibility*
 - ✓ *Other Topics*