



UNIVERSIDAD CATÓLICA
de Colombia
Facultad de Ingeniería - CONIITI

Vigilada Mineducación



Coniiti

V Congreso Internacional de Innovación -2019
y Tendencias en Ingeniería

Octubre 2, 3 y 4

Informes

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The V International Conference on Innovation and Trends in Engineering (CONIITI 2019) will be held in Bogota, Colombia on 2th - 4th October 2019. CONIITI is an open space of interaction between actors of the innovative ecosystem in order to share new approaches to achieve the creative transformation of Colombia through the design of solutions integrating an engineering vision.

TOPICS

We encourage the submission of original, unpublished research focused on (but not limited to) the following topics of interest:

CREATIVITY, INNOVATION AND ENTREPRENEURSHIP

Creative Processes
Co-creativity
Co-working
Culture of innovation and entrepreneurship
Data marketing
Design thinking - application experiences
Disruptive Innovation
e-Government
Innovation and social entrepreneurship
Public Innovation
Living labs
Open and smart cities and territories
Open Innovation
Strategic Innovation
Social Innovation
Technology and innovation management
Technology transfer
Technology-based entrepreneurship
Value creation through Innovation

INTELLIGENT SOFTWARE AND TECHNOLOGICAL CONVERGENCE

Agent and Multi-Agent Systems	Drones, Applications and Regulation
Applied Robotic	Information Security
Apps and developments in Telecommunications	Internet of Things
Artificial Intelligence	IT Architecture
Autonomous Computing	Machine Learning
Autonomous Systems	Microwave, Optoelectronics and Applications
Big Data Analytics	Open Data
Business Intelligence	Radio Spectrum for 5g and IoT Networks
Business Models for the Internet of Things	Semantic Web and Ontologies
Cloud Computing	Security and privacy in Big Data
Cognitive Radio	Smart Tutoring Systems
Collaborative Social Networks	Software Engineering
Collective Intelligence	Social Network Analysis
Data Mining	Wireless Sensing Systems
Digital Economy	
Distributed Infrastructure for Smart Grids	

INFRASTRUCTURE AND ENVIRONMENT

Alternative Energies
Bridges and Viaducts
Environmental management and evaluation
Green IT
Imperceptible Science
Innovative Construction Projects
Intelligent Transport Systems
Irradiation and Electromagnetic Pollution
Lean construction
Materials
Nano biosecurity
Nano sensors
Pavements
Precision Farming
Roads and their Environment
Renewable energy
Smart buildings.
Sustainability and Eco-innovation.
Sustainable Building
Sustainable Cities
Territorial Development Approaches
Transport and Mobility Networks
Tunnels and underground Works
Urban Mobility
Urban Planning and Design
Water and Sanitation

INTEGRAL AND DYNAMIC MANAGEMENT OF ORGANIZATIONS

Branding	Operational Research
Change Management	Occupational health and safety
Business Intelligence	Project Management
Corporate Social Responsibility	Risk Management
Criteria for Decision-Making	Six Sigma
Financial Intelligence	System dynamics
Intellectual Capital	Statistical Quality Control
Knowledge Management	Strategic Foresight
Lean Manufacturing	Strategic Marketing
Lean Six Sigma	Sustainable Logistics
Logistics Management	Supplying and Supply Chains
Modeling and Simulation	Technological Forecasting

ENGINEERING EDUCATION

Accreditation and certification of HEI and programs	Inclusive Education
Action research	Lean Education
Assessment in Education	Problem-Based Learning
Curriculum Development	Project-Based Learning
Education for entrepreneurship	Public policies in education
Education in STEM	Quality Management in Higher Education Institutions
Educational Innovation	Strategies for internationalization
e-Learning Platforms	Strategies for reduction of dropout
Future Universities	Teaching-learning strategies
Gamification	
ICT in Education	

IMPORTANT DATES

Abstract deadline:	April 29 th , 2019
Abstract acceptance notification:	May 10 th , 2019
Submission deadline:	June 25 th , 2019
Notification:	July 22 th , 2019
Camera-ready:	July 31 th , 2019

PAPER SUBMISSIONS

We invite authors to submit high-quality full papers reporting original and novel research results on all the above topics. Papers must be written in English, unpublished and not submitted elsewhere. The paper must be formatted as the standard IEEE double-column conference template and submitted exclusively in WORD on [EasyChair](#) at the CONIITI webpage.

- **Full papers:** A maximum of 6 pages are allowed for each paper, including all illustrations and references. The accepted papers will be presented as paper talk. **Accepted papers will be submitted with the conference proceedings to the IEEE Xplore® digital library.**