

Coniiti

Congreso Internacional de Innovación
y Tendencias en Ingeniería

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UNIVERSIDAD CATÓLICA
de Colombia

Facultad de Ingeniería - CONIITI

Vigilada Mineducación

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The IV International Conference on Innovation and Trends in Engineering (CONIITI 2018) will be held in Bogota, Colombia on 3th - 5th October 2018. CONIITI is an open space for interaction between actors of the innovative ecosystem in order to share new approaches for the creative transformation of Colombia through the design of solutions with 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We encourage the submission of original, unpublished research focused on (but not limited to) the following topics of interest: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 ability
Creative Processes
Co-creativity
Co-working
Culture of innovation and entrepreneurship
Data marketing
Design thinking - application experiences
Disruptive Innovation
Education for entrepreneurship
Educational innovation
e-Government
e-Learning
Gamification
Innovation and social entrepreneurship
Innovation in Public Policy
Innovative construction projects
Living labs
Open and smart cities and territories
Open Innovation
Strategic Innovation
Sustainable materials under construction
Technology and innovation management
Technology transfer
Technology-based entrepreneurship

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
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

INTELLIGENT SOFTWARE AND TECHNOLOGICAL CONVERGENCE

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

INTEGRAL AND DYNAMIC MANAGEMENT OF ORGANIZATIONS

Branding
Change Management
Competitive and Business Intelligence
Construction Project Management
Corporate Social Responsibility
Criteria for Decision-Making
Dynamic of Systems
Financial Intelligence
Knowledge Management
Lean Government
Lean Manufacturing
Lean Six Sigma
Logistics Management
Methodology TRIZ
Modeling and Simulation
Operational Research
Risk Management
Security and Health at Work
Six Sigma
Statistical Quality Control
Strategic Foresight
Strategic Marketing
Sustainable Logistics
Supplying and Supply Chains
Technological Surveillance

IMPORTANT DATES

Submission: June 24th, 2018
Notification: July 27th, 2018
Camera-ready: August 19th, 2018

PAPER SUBMISSIONS

We invite authors to submit high-quality full papers reporting original and novel research results on all above topics. Papers must be written in Spanish or 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 page

- **Full papers:** A maximum 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.**
- **Short papers:** A maximum 4 pages are allowed for each paper, including all illustrations and references. The accepted papers will be presented as poster. **Accepted papers will be presented as poster and will be published in CEUR Workshop Proceedings.**