



CALL FOR ABSTRACTS

WEEF-GEDC-2018 - Albuquerque, NM USA

<http://weef-gedc2018.org>

The University of New Mexico School of Engineering, in conjunction with the Ibero-American Science and Technology Education Consortium (ISTEC) and the Global Innovation Network for Entrepreneurship and Technology (GINET), will host the combined **WEEF-GEDC 2018** event to be held 12-16 November 2018 in Albuquerque, NM. This prestigious event, held for the first time in the United States, is the joint annual summit of the **International Federation of Engineering Education Societies (IFEES)** and the **Global Engineering Deans Council (GEDC)**. Also featured are the **XIV Global Student Forum** and the first ever **Global Career Fair**.

The theme of the 2018 conference is **Peace Engineering**. Peace engineering envisions and works towards a world where *prosperity, sustainability, social equity, entrepreneurship, transparency, community voice and engagement, and a culture of quality* thrive. Engineers have the power to play a vital role in delivering creative solutions that can radically transform and improve human and natural wellbeing. As we educate future engineers, we must ensure that they embrace their role as engineers of peace. We must provide them with the skills, understanding, capacity for reflection, sense of social responsibility and ethics, and resources to successfully navigate the socio-political impacts of their projects, engage in transdisciplinary developments, and frankly, imagine, design, and create a better world for us all.

The conference features several highlights, such as In-Conversation and a Leaders Summit, which are exclusive, high-level plenary sessions that gather the world's top leaders from public and private sectors, international organizations, and think-tanks to discuss global issues and develop impactful solutions that are sustainable socially, environmentally and economically.

We hope that you will accept our invitation to be part of the **WEEF-GEDC 2018** event this coming November 2018. We are providing you the opportunity to submit an abstract for consideration in one of the thematic focus areas listed below. We strongly encourage case studies with practical applications and demonstrable results.

Please submit your proposal via the online portal at weef-gedc2018.org. Specify the Peace Engineering theme to be addressed, along with a 200-word abstract and a 50 word statement describing how this work addresses societal or community wellbeing, sustainability, social equity, entrepreneurship, transparency, community engagement, and/or the culture of quality. These statements will be used to attract additional participants and will be published on the website. Authors should indicate whether the paper is submitted for a poster session or an oral presentation. Reviewers may move submissions to the appropriate presentation format (poster or oral). The recommended outline for the paper and presentation will be provided upon acceptance. All titles, abstracts and presentations must be in English. Papers may be submitted in English or Spanish.

All accepted papers that are presented during **WEEF-GEDC 2018** will be published in the WEEF-GEDC 2018 Proceedings and submitted for indexing in SCOPUS*. Best papers may also be selected for inclusion in a special publication.

**Note: To be considered for publication, at least one author must register and pay for the full conference by August 30, 2018.*

THEMES & SUBTHEMES

T1: How do we teach/learn about Peace Engineering?

- Prosperity, sustainability, social equity, diversity
- Culture of quality, innovation, entrepreneurship
- Community engagement
- Climate change
- Water
- Healthcare
- Food security
- Smart cities
- Transparency
- Blockchain

T2: Relationships among academia, industry, governments, multilateral organizations, NGOs

- Policies
- Collaborations
- Transdisciplinary collaborations
- Community engagement
- Systemic ethics
- Social responsibility
- Eliminating social unrest

T3: Hands-on Education / Experiential Learning / Inquiry Learning / Problem Based Learning

- Faculty guided projects
- Train the trainer
- The Role of Industry in Education
- Capacity building
- Educational technology
- Student-centered teaching
- Professional skills development
- Research in engineering education
- Faculty development
- Sustainable education system
- Promoting a diverse engineering workforce
- Transdisciplinary learning
- Sense of social responsibility and ethics
- Community service
- Employability
- First year experiences, senior design programs, internships

T4: Entrepreneurship in the Circular Economy – 4th Industrial Revolution and Enabling Success

- Intellectual property protection
- Global soft-landings of technology parks/centers
- Access to capital and resources
- Wealth creation, management, preservation
- Fund raising (local, regional, global)
- Crowd funding
- Global engineers
- Mobility (students, faculty, researchers, administrators)
- Educational technology
- Sustainable education systems
- Promoting a diverse engineering workforce
- First year experiences, senior design programs, internships
- Ventures that engage people in building and maintaining an economy appropriate to their context

T5: Peace Engineering Challenges and Emerging Ideas

- We want to hear from you. Suggest another challenge related to the topics listed or create your own!

IMPORTANT DATES

Workshop proposal submission
Monday, July 2, 2018

Abstract submission
Monday, July 2, 2018

Notification of Workshop / Abstract acceptance/rejection
Tuesday, July 31, 2018

Accepted authors submit final paper
Monday, August 27, 2018

Notification of paper acceptance & revisions
Friday, September 14, 2018

Early Bird Registration closes
Wednesday, August 15, 2018

Deadline that accepted authors must register for WEEF-GEDC 2018 Conference
Thursday, August 30, 2018

Final (camera-ready) paper due
Monday, September 24, 2018

All deadlines are at 11:59 pm GMT

SUBMISSION PROCESS

The abstract submission process for **WEEF-GEDC 2018** is through an online portal. Please see the **WEEF-GEDC 2018** web site www.weef-gedc2018.org for submission instructions, guidelines and templates.



Thank you and we look forward to seeing you in November in Albuquerque, NM, USA!

