



WORLD ENGINEERING EDUCATION
FORUM (WEEF) & THE GLOBAL
ENGINEERING DEAN'S COUNCIL (GEDC)

Cape Town – South Africa | 28 November 2022 – 1 December 2022

Adapting to Global Disruption:
meeting the challenge with integrative, holistic, and sustainable engineering

CALL FOR PAPERS



International Federation of
Engineering Education Societies



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

www.weefgedc2022.org



CONFERENCE THEME

Adapting to Global Disruption: meeting the challenge with integrative, holistic, and sustainable engineering

For years the WEEF & GEDC conferences have been invaluable forums where educators, students, engineers and industry representatives have gathered to prepare for a future of global disruption. The past two years have accelerated the global reality as the Covid-19 pandemic has firmly planted us in a state of global disruption. We are no longer preparing: we are here, in the midst of disruption, coming together to reflect on our contexts. The themes of the 2022 WEEF & GEDC conference, collocated with the AEEA 2022 conference, can be represented by these questions:

How have we adapted to global disruption?

How do we create stable environments that are less vulnerable, more resilient to global disruption?

How do we meet this challenge of global disruption that is bound to be the status quo for the foreseeable future?

If we approach these challenges in an integrative (multidisciplinary, interinstitutional, cross-cultural, inclusive, diverse, trusting and ethical) manner, we will create holistic learning and engineering environments (that meet the cognitive, affective and systemic needs of society, students, academia and industry) which will create sustainable (safer, peaceful and cohesive planet) solutions for our future.

Join us in mapping out our Integrative, Holistic and Sustainable future together!

THEME MAPPING

INTEGRATIVE

Diversity & Inclusion

gender, identity, multicultural education, North/South, East/West decolonisation

Industry & Engineering Education

work integrated learning, mentoring

Engineers & Society

society & culture, ethics in engineering, K-12 STEM outreach, global engineer

HOLISTIC

Development of Engineering Educators

scholarship of teaching & learning, digital fluency

Well-being

mental health, peace engineering

Teaching & Learning Approaches

online/virtual/hybrid student engagement, active learning/project-based learning, gamification, assessment

Knowledge & Curriculum

programme design & renewal, accreditation, graduate attributes, future work-worker-workplace

SUSTAINABLE

Sustainable Development Goals

United Nations 17 SDGs

Future of Engineering & Engineering Education

fourth industrial revolution, artificial intelligence, machine learning, digitisation, data driven education, automation & machine safety

KEY DATES

Abstract submission opens	17 January 2022
Deadline for abstract submission	31 March 2022
Notification of abstract acceptance	29 April 2022
Deadline for full paper submission	30 June 2022
Notification of full paper acceptance	15 August 2022
Online registration opens	15 August 2022
Workshop proposal submission deadline	15 September 2022
Submission of final camera-ready papers	26 September 2022
Conference dates	28 November–1 December 2022

Submit your abstract from 17 January 2022 at <https://www.conftool.org/weefgedc2022>

CONTACT US

We thank you for your consideration to support our conference and partner with us.

Our sponsorship team will gladly discuss your specific requirements and prepare a package that suits your needs and goals. Kindly note that all opportunities are available on a first-come, first-served basis, therefore we recommend that you let us know as soon as possible if you are interested in specific items.

- **For enquiries, contact the Conference Operations Chair, Ms Managa Devar, at info@weefgedc2022.org**
- **For technical papers enquiries, contact the TPC Chair at tpc@weefgedc2022.org**

- **All peer-reviewed full conference papers presented could be eligible for publication in IEEE Xplore**
- **One full registration fee per accepted conference paper**
- **All submissions must be done online through ConfTool available on the conference website**