











## Conference Coordination Subcommittee (CoCSC)

Habib M. Kammoun

### Committee updates:

- The following team members were appointed on 1st January 2021:

### 2021 Team:

 <b>Habib M. Kammoun</b> (Tunisia) Chair	 <b>Ljupco Karadzinov</b> (North Macedonia) Past Chair	 <b>Nadezda Kunicina</b> (Latvia) Member	 <b>Robert Bierwolf</b> (Benelux) Member	 <b>Ridha Hamila</b> (Qatar) Corresponding member
 <b>Tiziana Tambosso</b> (Italy) Corresponding member	 <b>Eric Kuada</b> (Ghana) Corresponding member	 <b>Albert Lysko</b> (South Africa) Corresponding member	 <b>Nihal Sinnadurai</b> (UK & Ireland) Industry Initiative AdHoc subcommittee Liaison	 <b>Margaretha Eriksson</b> (Sweden) Finance AdHoc subcommittee Liaison

- 2021 Corresponding members – ex officio are:**
  - Cecilia Metra, IEEE Conferences Committee
  - Dominique Schreurs, IEEE Conferences Committee
  - Isabel M Trancoso, IEEE Conferences Committee
- Website:** The committee website was updated: <http://conferences.ieeer8.org/>

### Goals

- Timely review of the financial and technical co-sponsorship (TCS/FCS) requests
- Ensure success of the R8 flagship conferences: call for bids, support, oversight
- Ensure success of IEEE conferences TCS/FCS by the R8
- Increase the R8 visibility through conferences
- Support the sections' conference coordinators

### TCS conferences (R8 0%) approved in the last 6 months

- May 17-20, 2021: [2021 IEEE Technology & Engineering Management Conference - Europe \(TEMSCON-EUR\)](#), Croatia
- May 19-20, 2021: [2021 7th International Conference on Optimization and Applications \(ICOA\)](#), Germany
- May 28-24, 2021: [2021 44th International Convention on Information, Communication and Electronic Technology \(MIPRO\)](#), Croatia
- July 26-28, 2021: [2021 44th International Conference on Telecommunications and Signal Processing \(TSP\)](#), Czech Republic
- September 13-15, 2021: [2021 International Symposium ELMAR](#), Croatia
- October 20-22, 2021: [2021 15th International Conference on Advanced Technologies, Systems and Services in Telecommunications \(TELSIKS\)](#), Serbia
- November 1-3, 2021: [2021 IEEE International Conference on Microwaves, Antennas, Communications and Electronic Systems \(COMCAS\)](#), Israel

### FCS conferences approved in the last 6 months

- July 6-8, 2021: [IEEE EUROCON 2021 - 19th International Conference on Smart Technologies](#), Ukraine (30% Region 8, 70% Ukraine section)
- August 18-20, 2021: [2021 7th IEEE History of Electrotechnology Conference \(HISTELCON\)](#), Russia (30% Region 8, 30% Russia Computer Chapter, 40% National Research University Higher School of Economics)
- September 13-15, 2021: [2021 IEEE AFRICON](#), Tanzania (15% Region 8, 45% Tanzania Subsection, Nelson Mandela African Institute of Science and Technology 40%)

- December 2-4, 2021: [2021 IEEE International Humanitarian Technology Conference \(IHTC\)](#), Virtual (40% Region 8, 20% UK&IR Section, 20% Region 7, 20% Region 9)
- March 28-31, 2022: [2022 IEEE Global Engineering Education Conference \(EDUCON\)](#), Tunisia (10% Region 8, 10% Tunisia section, 70% Education society, 10% Tunisia Education chapter)

#### Reports about the previous FCS conferences

- June 16-18, 2020: 2020 IEEE 20th Mediterranean Electrotechnical Conference (MELECON)
  - The conference (<https://melecon2020.org>) initially planned to be held in Palermo was moved to virtual platforms. The technical program was organized into 4 main tracks: Smart Mobility, Industry 4.0, Smart Healthcare and Smart Grids, with 128 contributed papers (from 18 different countries), 19 technical sessions, 5 keynote speakers, 6 invited speakers and 5 tutorials. The program was enriched by a number of special events with competitions (R8 Student Paper Contest, Best Research Activity Pitch Presentation of PhD Students and Young Professionals, Best Entrepreneurship Activity Pitch Presentation) and panels (WIE special event and Special Meeting on Innovative startups and entrepreneurs).
  - In order to enlarge the audience from Jun 16th to July 31st all the program of MELECON 2020 was available “on demand” on an ad hoc platform for registered people (without any fee).
  - The conference had the Technical sponsorship of Industry Application Society and IEEE Entrepreneurship and the financial sponsorship of ABB. An Award Ceremony was organized during the closing session with the announcement of the winners of the various competitions and of the best paper award.
  - Region 8 received 15% of the surplus: \$1,582.92
- September 28-1st October 2020: 2020 6th IEEE International Energy Conference (ENERGYCon)
  - The conference (<http://ieee-energycon2020.org>) initially planned to be held from 13 to 16 April 2020 in Gammarth, Tunisia was postponed to 28 Sep to 1 Oct 2020, and held virtually. The program included 9 plenary keynotes and distinguished speakers, Smart Grid Workshop, and Women in Power Workshop.
  - 354 were submitted and 190 papers (53%) were accepted for oral presentations. Each paper was reviewed by at least two members of the program committee, which consisted of about 450 scientists from 50 countries. Contributions were from 62 different countries.
  - Number of registrations: 160 authors who presented their papers and 446 free registrations were offered for co-authors, reviewers, researchers, and students, especially from Region 8.
  - Best Student Paper Awards (in Memory of Dr. Elias Kyriakides to honor his work throughout the years, especially as chair of the last IEEE ENERGYCON 2018) was introduced at the ENERGYCON 2020. A certificate plus \$300 travel grant was awarded for the Winner: Grace Sadhana Samuel from the National Institute of Technology Calicut, India. In addition, the 1st and 2nd Runner up and the Best paper award certificates were presented.
  - Financial report under review. It is expected that Region 8 will receive 15% of the surplus, approx. \$3,911.74

#### Conferences under review process

- TCS request: October 5-8, 2021, 2021 3rd Global Power, Energy and Communication Conference (GPECOM), Turkey
- TCS request: March 23-24, 2021, 2021 International Conference on Electric Power Engineering – Palestine (ICEPE- P), Palestine

#### Progress in the R8 flagship conferences

- April 20-23, 2021: 12th EDUCON, Vienna, Austria <[website](#)> <registration is open> (CoCSC Liaison: Magdalena Salazar Palma)
- July 6-8, 2021, 19th EUROCON, Lviv, Ukraine <[website](#)> <revised submission deadline expected: May 24, 2021> (CoCSC Liaison: Robert Bierwolf)
- August 18-20, 2021, 7th HISTELCON, Moscow, Russia <[website](#)> <submission deadline: May 1st, 2021> (CoCSC Liaison: Albert Lysko )
- September 6-9, 2021, IEEE 6th International Forum on Research and Technology for Society and Industry, Naples, Italy <[website](#)> (CoCSC Liaison: Nihal Sinnadurai)
- September 13-15, 2021, 9th AFRICON, Arusha, Tanzania <[website](#)> <submission deadline: April 16, 2021> (CoCSC Liaison: Eric Kuada)
- December 2-4, 2021, IHTC, Virtual <[website](#)> <abstract submission deadline: April 30, 2021> (CoCSC Liaison: Tiziana Tambosso).
  - Application form submitted and signed. Publication form in progress. Preliminary budget ready. Call for abstract and Call for paper ready. Important dates on the web. Due to the peculiarity of this event and in order to facilitate participation and sharing of experiences by key stakeholder groups from low and lower middle-income countries as well as low resource communities, submissions are invited for Oral Presentation Only, Short Paper Presentation (early stage) or Full Paper Presentation (mature results).

### Bids for 2023 R8 flagship conferences

The committee received bids from the following R8 sections / subsections for the 2023 R8 flagship conferences:

- 2023 EUROCON
  - Cyprus
  - Torino, Italy
  - Gdynia, Poland
- 2023 AFRICON
  - Nairobi, Kenya
  - Abuja, Nigeria
  - Monrovia, Liberia

The bids are under review. The selected bids will be presented to the R8 committee meeting for approval (motion).

### Progress against goals since the last report

- The 2021 subcommittee members were appointed (done)
- Message to section chairs asking to appoint section conference coordinators (done)
- Appointment of CoCSC Liaisons to the TCS/FCS conferences (done)
- Review the 2023 flagship conferences bids and selection of hosts (in progress)
- Website updates (done)
- Organize online and F2F training workshops for section conference coordinators and conference organizers (in progress)
- Develop an R8 iCon annual award for best organized conference TCS/FCS by Region 8 (in progress)
- Closing 2020 flagship conferences financial reports (in progress)
- Development of the R8 conference newsletter / website (in progress)

### Points of Concern

- The technical co-sponsorship fees was increased to US\$1,450 per event and US\$22 per paper. The MGA is currently absorbing (for 2021) the difference with the previous fees (\$1,000 plus \$15 per paper)
- Weak involvement of the sections in the society conferences
- Weak involvement of the sections as financial co-sponsors (although the TCS fees are waived in the case of financial co-sponsoring)
- Only 16 sections/subsections (23%) appointed conference coordinators
- Increase the visibility of R8 conferences
- Add new flagship conferences:
  - IEEE Global Engineering Education Conference (EDUCON)
  - IEEE International Forum on Research and Technology for Society and Industry (RTSI)
  - IEEE International Mediterranean Conference on Communications and Networking (MeditCom)

### Proposals for improvements/Other Issues to report

- Encourage sections to appoint section conference coordinators
- Encourage sections to be involved as financial co-sponsor, that will help in most of cases to receive a percentage of the surplus
- Encourage sections to get involved in the society conferences when it will be hosted in their countries
- Help section conference coordinators and conference organizers to be aware about the online courses and materials to help them in organizing well the online and hybrid events: <https://ieemce.org/>



## IEEE EDUCON 2021 - Austria

### Call for Papers

## IEEE Global Engineering Education Conference (EDUCON2021) Vienna, Austria (virtual or hybrid)

April 21<sup>st</sup> - 23<sup>rd</sup> 2021, Radisson Blu Park Royal Palace Hotel, Vienna (in case of a hybrid conference format)

<http://www.educon-conference.org/>

#### Focus

IEEE EDUCON 2021 will be organized by the Carinthia University of Applied Sciences and the University of Applied Sciences Technikum Vienna, Austria. In case of a hybrid conference format, the on-site event will be held at the Radisson Blu Park Royal Palace Hotel, Vienna, April 21st-23rd, 2021. Several pre-conference workshops will be held on April 20th, 2021. EDUCON 2021 will be focused on "Women in Engineering".

#### Topics of Interest

Papers in all areas of engineering education are invited with particular emphasis on the main focus of the conference and on current issues in engineering education such as:

- K-12 STEM Education Initiatives
- Student-Centered Learning Environments
- Engaging Undergraduate Students in Research
- Climate Change and Engineering Education
- Mastering Digitalization and Artificial Intelligence
- The Ethical Challenge and Engineering Education
- Woman for Leadership in Engineering
- Diversity and Inclusion in Engineering Education
- Future-oriented and Personalized Educational Concepts in Engineering
- Game-Based Learning and Gamification for Engineering Education
- Non-traditional Lab Concepts in Engineering Education
- Data-driven Engineering Education

#### On-site Venue

Radisson Blu Style Hotel is located in the city of Vienna, near the Schönbrunn palace, around 30km from the Vienna Airport.

<https://www.radissonhotels.com>

Located along the Danube River, Vienna is one of the oldest European centers of culture and registered as a World Heritage Site by UNESCO.

#### Presentation Formats

Proposals for participation in the EDUCON 2022 conference can be submitted in the following formats:

- Papers: Full papers (6-10 pages)
- Papers: Short papers (4-5 pages)
- Papers: Work-in-Progress Papers (4-5 pages)
- Student Poster Papers (up to 2 pages)
- Special Sessions
- Panels and Workshops

All paper and short paper submissions are subject to a double-blind reviewing process.

#### Submission

All submission-related information can be found here: [http://www.educon-conference.org/current/paper\\_preparation.php](http://www.educon-conference.org/current/paper_preparation.php).

#### Important Dates

- 05 Oct 2020** Abstract submission, Proposals for Special Sessions, Panels and Workshops
- 26 Oct 2020** Invitation to submit complete paper
- 07 Dec 2020** Complete paper upload for accepted abstracts (main conference), Submission of complete papers for Special Sessions, Work In Progress and Student Poster (no abstracts)
- 13 Jan 2021** Notification of Acceptance, Author Registration open
- 17 Feb 2021** Author/Early Bird registration, Camera-ready submission for all submission types
- 20 Apr 2021** Pre-conference Workshops
- 21 Apr 2021** Conference Opening

#### Proceedings

The conference proceedings will be submitted to IEEE Xplore. If accepted and published (which is usually true for this conference), other indexing services evaluate conferences and independently determine what they will index.

#### IEEE EDUCON Steering Committee

**Manuel Castro**, Chair, IEEE Fellow, Past President IEEE Education Society, UNED, Madrid, Spain

**Michael E. Auer**, Senior Member IEEE, President and CEO IAEO, CTI Villach, Austria

**Henrique Santos**, IEEE Education Society, Vice-President on IEEE Conferences

**Thomas Klinger**, Senior Member IEEE, Carinthia University of Applied Sciences, Austria

**Alberto Cardoso**, Univ. of Coimbra, Portugal

**Alaa K. Ashmawy**, American University, Dubai

**Edmundo Tovar**, Universidad Politécnica de Madrid, Spain

**Habib M. Kammoun**, IEEE Region 8 Conferences Coordinator, University of Sfax, Tunisia

**Khaled Mokhtar**, IEEE Region 8 Conferences Coordinator

#### Conference Chairs

**Thomas Klinger**, Carinthia University of Applied Sciences, Austria

**Fritz Schmöllebeck**, University of Applied Sciences Technikum Wien, Austria

**Andreas Pester**, British University in Egypt

#### Key Notes and Invited Speeches

**Manuel Castro**, UNED Madrid

**Sabine Herlitschka**, CEO Infineon Austria

**Olga Viberg**, KTH Stockholm, Sweden

**Maria Isabel Pozzo**, Universidad de Rosario

**Janina Loh**, University of Technology, Vienna

#### Contact

EDUCON Clearing house: [info@educon-conference.org](mailto:info@educon-conference.org)

Sign up to the conference mailing list to be kept up to date about conference developments.

Copyright: EDUCON, Hosting: International Association of Online Engineering (IAOE), Website: Sebastian Schreier

IEEE  
**EDUCON**  
Global Engineering Education Conference



# IEEE EUROCON-2021

«Dedicated to the first public performed test launch of the Lebedev MESM – November 6, 1950»

July 6 - 8, 2021 · Hybrid Format · Lviv, Ukraine

## Important Dates

Extended Paper Submission: **May 24, 2021**  
Tutorial Request: **April 15, 2021**  
Paper Acceptance Notification: **May 31, 2021**  
Final Paper Submission: **June 10, 2019**

## Registration Fees

	Virtual	In-person
IEEE Member	60 EUR	290 EUR
Non-member	80 EUR	360 EUR
IEEE Student/Life	45 EUR	220 EUR
Student	60 EUR	290 EUR

### In-person for limited number:

included Welcome Party, City Tour, Participants Bag, Conference Program & Proceedings, Farewell Dinner and Coffe-breaks

### Virtual:

included Conference Program & Proceedings, online participation

## Travel Grants

IEEE Region 8 provides VCF grants for IEEE R8 Members. This fund is fed by voluntary contributions donated by Region 8 members. The money is then used to support members and especially students and graduate student members with low income in their professional and technical activities:

<https://ieeer8.org/category/voluntary-contribution-fund/>

## Visa

For foreign participants: **no visa** to enter Ukraine is required for citizens of EU, Switzerland, Norway, USA, Canada, Argentina, Japan, Turkey and some other countries. Visitors from the other countries have to contact the Ukrainian embassy for the information.

## Contacts

Website: <http://eurocon2021.org>

E-mail: [orgcom@eurocon2021.org](mailto:orgcom@eurocon2021.org)

## Call for Papers

The 2021 IEEE 19th International Conference on Smart Technologies (EUROCON) is an IEEE Region 8 flagship conference for the Europe. IEEE EUROCON-2021 will be held in Lviv, Ukraine, 6 – 8 July 2021. Conference organized in Hybrid format. In-person participation is available by special invitation for limited number of participants.

The conference is dedicated to the first public performed test launch of the Lebedev MESM on November 6, 1950. MESM as an Experimental Electronic Calculating Machine was research in nature, in order to experimentally test the principles of constructing universal digital computers.

The conference is co-sponsored by IEEE Region 8 and the IEEE Ukraine Section.



## Conference Topics

- Track 1: Computer Science, Circuits and Signal Processing
- Track 2: Computational Intelligence & Artificial Intelligence
- Track 3: Data Science, Machine Learning & Vision
- Track 4: Systems, Man, and Cybernetics
- Track 5: Systems Analysis and Engineering, Decision Making Systems
- Track 6: Communication Technologies and Networks
- Track 7: Information and Encoding Theory
- Track 8: Dependable Systems, Services and Technologies
- Track 9: Power Engineering and Energy
- Track 10: Industrial and Consumer Applications
- Special Track: ECE Education & History

## Paper Guidelines

Submitted papers must be unpublished and should not be submitted elsewhere at the same time. Papers must have from **4 to 6 full pages** according IEEE Conference Manuscript Standard. All submitted papers will be peer reviewed by at least three independent reviewers.

The official Conference language is **English**. Conference Proceedings will be submitted for inclusion in **IEEE Xplore Digital Library**. “No-show” papers won’t be submitted for inclusion in IEEE Xplore Digital Library. Each author can submit and present **no more than 3 papers**.

## Venue

Lviv is a very beautiful city with its narrow medieval streets paved with stones, architectural decoration done in different styles preserved in its original form. Architecture of Lviv with its buildings, churches, monuments and relics make a magnificent atmosphere. The central part of Lviv is included in the UNESCO list of World Heritage. More information: <https://lviv.travel/en>

<http://eurocon2021.org>

# HISTELCON 2021

August 18-20, 2021 – Hybrid Format – Moscow, Russia

## Call for Papers

**HISTELCON is a flagship conference of the IEEE Region 8 held every two years on the history of electrical engineering, electronics, computing, their applications, and their impact on humanity's social development.**

*The HISTELCON-2021 conference will be held at the Higher School of Economics, one of the leading and fastest-growing universities in Russia. A rich cultural program will allow the conference participants to get acquainted with the capital's main sights.*

*We live in a very uneasy time, a time of an unprecedented pandemic attack in all countries of the world. We expect that by the time the conference opens, we will have a more favorable situation and will be able to hold a full-fledged conference. Nevertheless, we must be prepared for different scenarios.*

*In the meantime, we are waiting for your reports. In any case, the conference will take place, and there will be a "round table" at which we can discuss reports and the most interesting development trends. All reports will be printed.*

*The peer review is carried out in a double-blind manner. In case of successful consideration and acceptance, you will be asked to send the text of the article revised, taking into account the reviewers' comments.*

### Main Topics

The main topic of the HISTELCON-2021 conference will be «**How computer technologies and telecommunication change society and economy**». All articles related to other aspects of the history of development in electrical engineering, electronics, computer technology, and their applications are welcome.

1. Social context of the computer technologies and telecommunication development
2. The history of the development of computer systems and developers' teams
3. History of creation and growth of public and global networks
4. Changes in technology education and the use of computers in schools and universities.
5. Evolution of policies and technical regulation in the field of computer technology
6. Social aspects of the development and implementation of computer technologies and telecommunications
7. Other aspects of the history of development in electrical engineering, electronics, computer technology

### Key Dates

<b>Abstract submission deadline</b>	<b>2021 April 15<sup>th</sup></b>
Full paper submission deadline	2021 May 1 <sup>st</sup>
Paper acceptance notification	2021 June 1 <sup>st</sup>
Final paper acceptance notification	2021 June 15 <sup>th</sup>
Registration opens	2021 June 15 <sup>th</sup>
Early registration deadline	2021 July 15 <sup>th</sup>

### Paper Guidelines

Submitted papers must be unpublished and should not be submitted elsewhere at the same time. Papers must have from 3 to 7 full pages according IEEE Conference Manuscript Standard. All submitted papers will be peer reviewed by at least three independent reviewers.

The official Conference language is English. Conference Proceedings will be submitted for inclusion in IEEE Xplore Digital Library. "No-show" papers won't be submitted for inclusion in IEEE Xplore Digital Library. Each author can submit and present no more than 3 papers.

Papers and abstracts should be submitted via EasyChair <https://easychair.org/my/conference?conf=histelcon2021>

Contact: [org@histelcon2021.org](mailto:org@histelcon2021.org)  
[www.histelcon2021.org](http://www.histelcon2021.org)



# IEEE AFRICON 2021

Arusha, Tanzania, 13-15 September

[africon2021.org](http://africon2021.org)

#### Honorary Chairs

Hon. Minister, Ministry of Education Science and Technology, TZ

Director, IEEE Region 8

#### Conference Organising Committee

##### Conference Chair

Organising Chair – Dr Luzango Mfupe, CSIR, SA | NM-AIST, TZ

General Chair- Dr. Shubi Kaijage, NM-AIST, TZ

##### Finance & Registration Chairs

Chair – Dr. Dina Machuve, NM-AIST, TZ

Co-chair – Mr. Shaun Kaplan, DE

##### Key Notes, Industry and Sponsorships

Chair – Dr. Zaipuna Yonah, IEEE, TZ

Co-Chair – Dr. Bakar Abubakar, SUZA, TZ

Advisor – Dr. Fisseha Mekuria, CSIR, SA

##### Publicity, Public Relations and Local Arrangements

Chair – Dr. Dina Machuve, NM-AIS, TZ

Co-chair – Dr. Edith Luhanga, NM-AIST, TZ

Co-Chair – Dr. Joyce Mwangama, UCT, TZ

Public Relation Liaison – Dr. Titus Solomon, IEEE TZ

Social Media Practitioner – Dora Fourou – GR

Web Developer – Nosipho Khumalo, CSIR, SA

##### Technical Program Committee and Conference Publications

Chair – Dr. Joyce Mwangama, UCT, SA

Co-chair- Prof Olutayo Oyerinde, Wits, SA

Co-chair – Dr. Konstantinos Katzis, EUC, CY

##### Technical Symposia Track Chairs

Prof. Antoine Bagula, UWC, SA – Artificial and Computational Intelligence

Dr. Petro Ernest, DIT, TZ – Cloud Computing, Small Data and Big Data Engineering

Prof. Thomas Olwal, TUT, SA – Communication Networks

Dr. Yahya Sheikh, SUZA, TZ – Innovations for Digital Transformation and Industrial Development

Dr. Mohohlo Samuel Tsoe, UCT SA – Industrial Electronics, Control, Autonomous Systems, Instrumentation and Consumer Applications

Mr Reeshen Reddy, CSIR, SA – Industrial Electronics, Control, Autonomous Systems, Instrumentation and Consumer Applications

Dr Adedayo Yussuff, UNISA, SA – Power and Energy Systems

Dr Adedayo Yussuff, UNISA, SA – Power and Energy Systems

## Call for Papers

*"Contributing to the Industrialisation of Africa through Innovations in Science and Technology"*

We are accepting technical paper submissions for our flagship conference, IEEE AFRICON 2021. AFRICON is an IEEE Region 8 flagship conference on the African continent. IEEE AFRICON 2021 will be held in Arusha, Tanzania, 13 - 15 September 2021. The conference is co-sponsored by IEEE Region 8, the IEEE Tanzania Sub-section and Nelson Mandela African Institution of Science and Technology. Topics cover the full area of IEEE, e.g., Communications, Networks, Electronics, Power and Energy, Mobile Computing, Cloud Computing, Industrial Applications, Artificial Intelligence, Nanotechnology, and E-learning. This conference will feature world-class plenary speakers, major technical symposiums, industry and academic panels, workshops, tutorials and invited tracks.

We invite submissions in the following tracks (a full list of topics is available at the website):

- Artificial and Computational Intelligence
- Cloud Computing, Small Data and Big Data
- Communication Networks
- Innovations for Digital Transformation and Industrial Development
- Industrial Electronics, Control, Autonomous Systems, Instrumentation and Consumer Applications
- Power and Energy Systems

#### IMPORTANT DATES

16 April 2021 - Full paper submission [SUBMIT NOW](#)

28 February 2021 - Workshop and tutorial proposals deadline

11 June 2021 - Paper acceptance notification




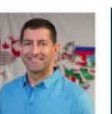






16 July 2021 - Early registration, Camera-ready papers

All accepted papers presented during the conference will be published in the conference proceedings which will be submitted to the IEEE *Xplore* Digital Library®. The conference proceedings have been allocated ISBN/ISSN identifiers.

**If the COVID-19 pandemic and travel ban from some countries prevent authors of accepted papers from attending the conference, arrangement for virtual presentation will be made for such authors.**

For further details about the conference please visit: [africon2021.org](http://africon2021.org)

### Confirmed Keynote Speakers

									
Prof. A. Luque Univ. of Seville IEEE R8 Director ES	Prof. G. Fettweis TU Dresden   Vodafone Chair   DE	Dr T. Dlamini CSIR CEO ZA	J. Balhs Facebook Engineering Head   USA	Prof. J. Maina Univ. of Pretoria   ZA	Prof. V. Masanja NM-AIST   TZ	Ms. L. Bergman CEO Solar Bora AB   SE	Dr A. Diallo Sahara Media Group CEO   TZ	Mr R. Makungwa Mwalimu Commercial Bank CEO   TZ	Dr M. Z. Shakir UWS   UK



IEEE Tanzania Subsection



The Nelson Mandela  
African Institution of Science  
and Technology





## Call for Paper

**IEEE RTSI 2021** is the **6th Forum on Research and Technologies for Society and Industry** focusing on contemporary society and industry topics ranging from mobility, industry 4.0 issues, energy, power quality, electronics, controls, manufacturing, communications and computational intelligence.

**IEEE RTSI 2021 will be held in Naples, Italy, September 6-9, 2021.**

Join us in this exciting event where industry experts, researchers, and academics share ideas and experiences surrounding frontier technologies, breakthrough and innovative solutions and applications.

### General Chairs:

Leopoldo Angrisani, University of Naples Federico II  
Sergio Rapuano IEEE Italy Section Chair

Technical papers are solicited on any subject within the scope of the Conference that includes, but it is not limited to, the following Technical Topics:

#### TRACK 1 - Smart Energy

- Power Systems and Smart Grids;

- Power Electronics Converters, Electrical Machines and Industrial Drives;
- Energy Management and Distributed Energy Resources;
- Renewable Energy and New generation of accumulators;
- Linear and Non-linear Modeling and control Circuits and Systems;
- Neural Networks and Neuromorphic Systems;
- Energy Harvesting, and Wireless Power transfer;
- Low Voltage Protection; Medium Voltage Protection; Surge Protection; Generator & Ground Fault Protection of Medium Voltage Installations.

#### TRACK 2 - Smart Industry

- Smart materials;
- Sustainable industrial processes and products;
- Modelling and simulation of advanced manufacturing processes;
- Additive manufacturing for high performances application;
- Smart Systems and Artificial Intelligence Solutions for Advanced Transportation Platforms;
- Smart Technology Solutions for Enabling Safe Drone Operations;
- Smart Solutions for Communication, Navigation, and Surveillance
- Brain-Computer Interface for industrial applications;
- Augmented Reality-based Inspection in Industry 4.0;
- Immersive training systems.

#### TRACK 3 –Smart Communities

- Smart education technologies;
- Cognitive computing, Artificial Intelligence & machine learning;
- Semantic Web, Big data & Analytics;
- Smart living technologies;
- Innovation ecosystems and social capital;
- Blockchain ecosystem;
- Smart services for smart people;
- 5G wireless networks;
- Remote sensing methods and applications;
- IoT and smart communications;
- Power electronics and drives for sustainable transportation;
- Transportation in Smart Communities.

#### SUBMISSION OF PAPERS

Prospective Authors of papers are invited to submit a paper (typically 4-6 pages in standard IEEE two-column format) via EDAS by suggesting the related Track and Technical Topic. The paper should contain a complete description of the proposed contribution along with results, suitably framed in the related state of the art. Each paper will be reviewed in terms of relevance with respect to the scope of the event, originality and quality of the technical content, overall organization and writing style.

Papers must be prepared according to the Author's instructions reported on the **RTSI 2021** Website: <https://rtsi2021.ieeesezioneitalia.it>

Submission of papers implies intention to register and present the related content at the conference.

The final manuscript must be accompanied by a registration form and a full registration fee payment proof. The length for final papers is 4-6 pages without exceptions.

Proceedings papers presented at the Conference will be submitted for inclusion in the IEEE Xplore Digital Library.

#### IMPORTANT DATES

Deadline for submission of **Special Technical Session** proposal: **March 12, 2021**

Deadline for submission of **Regular Papers**: **April 16, 2021**

Deadline for submission of **Tutorials** proposals: **May 14, 2021**

**Notification of acceptance**: **June 18, 2021**

Deadline for submission of **Final Manuscripts & Author Registration**: **June 21, 2021**

Early registrations: **July 2, 2021**

#### TUTORIALS

Several tutorials are planned on the latest trends in industrial electronics and industrial informatics taking place on **September 6th, 2021**.

If you are interested in organizing a tutorial, please contact Tutorials Chair at [daniele.riccio@unina.it](mailto:daniele.riccio@unina.it)

#### OTHER ACTIVITIES

In addition to technical papers, a wide range of complementary activities for professional development are planned, supporting specific discussions among participants, with emphasis on industry-academia interactions, women in engineering, engagement of students and young professionals:

- 5th Industry Forum
- 4th Women in Engineering Forum
- Students and Young Professional Forum,
- Forum on Innovative start ups and entrepreneurs
- Panels with industries

#### LOCATION

CeSMA – Center for Advanced Measurement and Technology Services  
University of Naples Federico II, Complesso Universitario San Giovanni  
Corso Nicolangelo Protospisani 80146 Napoli, Tel. + 39 081 2530001  
[cesma@unina.it](mailto:cesma@unina.it) , [www.cesma.unina.it](http://www.cesma.unina.it)

#### MORE INFORMATION

Website: <https://rtsi2021.ieeesezioneitalia.it>



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**Subject: 2021 IEEE International Humanitarian Technology Conference (IHTC 2021) - Call for Participation**

Dear Colleagues,

IEEE IHTC 2021 wishes to invite submissions for Oral Presentation only, Short Paper Presentations and Full Paper Presentation. See details below

**Background**

The [IEEE International Humanitarian Technology Conference \(IEEE IHTC\)](#) is a Multi-Regional Conference Series rotating between R7 (Canada), R8 (Africa, Europe and Middle East), and R9 (Latin America and Caribbean).

This inter-disciplinary conference series focuses on showcasing challenges, success stories, lessons learnt, case studies and technological innovation related to achieving the UN Sustainable Development Goals (SDGs), ICT4D and the application of Humanitarian Technologies (including Disaster Relief and Disaster Recovery) and facilitating engagement by stakeholders from the public, private, education and research and societal sectors around the world.

*We place a particular emphasis on facilitating participation and sharing of experiences by key stakeholder groups from low and lower middle-income countries as well as low resource communities.*

Established in R7, where previous editions took place in 2014 and 2017, [IEEE IHTC 2021](#) takes place in R8 as a Virtual Conference this year, organised by Volunteers from [IEEE UK and Ireland Section](#) as well as [Region 8](#), [Region 7](#), [Region 9](#) and [UK and Ireland SSIT](#), [SMC](#) and Systems Council Chapters, [UK and Ireland SIGHT](#), IST-Africa SSIT SIGHT, and Technical Co-Sponsored by [IEEE Africa Council](#).

**Call for Participation**

Submissions are invited for ***Oral Presentation Only***, ***Short Paper Presentation (early stage results)*** or ***Full Paper Presentation (mature results)*** to facilitate the diversity of stakeholders who wish to contribute and have valuable experiences and perspectives to share. *Submissions will be assessed for quality, relevance and potential or actual impact.* Presenters and delegates alike will enjoy the opportunity to share insights and build relationships with like-minded individuals, organisations and stakeholder groups around the world.

All submissions must be made online to facilitate the blind peer review process.

Presenters can choose to submit:

- Abstract for Oral Presentation (with no publication) or as a pre-qualification phase for Short Papers (Deadline 30 April 2021)
- Short Papers (Deadline 30 June 2021)
- Full Papers (Deadline 30 June 2021)

**Abstract Submission - Deadline 30 April**

Those interested in making an **Oral Presentation** or being pre-qualified for a **Short Paper Presentation** are invited to submit a structured abstract of c.300 words by **30 April**.

**Abstract Submissions should be 300 words in length.** Abstracts should be structured to clearly share the following key information:

- Target Need(s) and Community/Communities Addressed
- Why this research or intervention was required
- Methodology Used
- Initial Results

- Summary Analysis of Initial Findings
- Proposed Next Steps

A [Webinar](#) for prospective presenters and short paper authors will take place at **1500 UTC on Wednesday 14 April**, and recorded for those who cannot attend.

### **Paper Submission – Deadline 30 June** (*Short Papers, Full Papers*)

**Short Papers** are appropriate for activities at an earlier stage of evolution or authors wishing to share a snapshot of results-in-progress, experiences and perspectives. These should be three to four pages in length using the paper template and include a short reference section. Participants who intend to prepare a short paper should have submitted an abstract at the pre-qualification stage (Abstract submission **30 April**)

**Full Papers** are appropriate for mature work or completed projects and should be up to eight pages in length using the IHTC Paper Template, including full references.

See <https://www.ihtc21.org.uk/call-for-participation/> for more details on the paper structure.

### **Conference Themes**

#### **Relevant thematic areas include but are not limited to:**

- Technologies for poverty alleviation, ending hunger, achieving food security and improved nutrition and promote sustainable agriculture (SDG 1, 2)
- Technologies for effective management of refugees, sustainable (re)settlements and integration.
- Technologies for ensuring healthy lives and promoting well-being for all at all ages (SDG 3).
- Technologies to ensure inclusive and equitable quality education and promoting lifelong learning opportunities for all (SDG 4).
- Technologies to ensure availability and sustainable management of water and sanitation for all (SDG 6).
- Technologies to ensure access to affordable, reliable, sustainable and modern energy for all (SDG 7).
- Make cities and human settlements inclusive, safe, resilient and sustainable (SDG 11).
- Technologies to combat climate change and its impacts (SDG 13).
- Technologies to specifically assist in disaster mitigation, management, relief, and recovery.
- Humanitarian and sustainable engineering programs, educational technologies, course material, curricula (SDG 4).
- Community engagement; social and economic factors in humanitarian engineering
- Ethical, Societal, Privacy and Security considerations in the co-design, implementation and deployment of Sustainable Development, ICT4D and Humanitarian Technologies
- Supporting Implementation of Other SDGs

### **Committees**

Please visit <https://www.ihtc21.org.uk/> for information on conference officers.

### **Briefing Webinar (14 April, [1500 UTC](#))**

As some stakeholders with valuable insights and perspectives to share may have less experience preparing conference presentations or papers, the **UK and Ireland SSIT Chapter**, **UK and Ireland SIGHT** and **SSIT IST-Africa SIGHT** are organising a hands-on participatory webinar on Wednesday 14 April.

For Registration and more information, please visit <https://events.vtools.ieee.org/m/264822>

### **Call for Thematic Reviewers**

If you are an experienced conference or journal reviewer with the necessary technical, professional or research expertise to address one or more of the conference themes, please contact Miriam Cunningham (TPC Co-Chair, [program@ihtc21.org.uk](mailto:program@ihtc21.org.uk)) and volunteer to review paper submissions and provide actionable, constructive feedback to authors.

For further Information, please contact

Registration and General Queries - [secretariat@ihtc21.org.uk](mailto:secretariat@ihtc21.org.uk)

Abstract and Paper Submission and Program – [program@ihtc21.org.uk](mailto:program@ihtc21.org.uk)

We look forward to your submissions.

Best wishes,

Prof. Ali Hessami and Prof. Paul M Cunningham, IEEE IHTC 2021, Conference Chairs

IEEE IHTC 2021

02 - 04 December 2021

<https://www.ihtc21.org.uk/>