



## Call for Abstracts/Papers

The INternational CongRess on Engineering and Sustainability in the XXI cEntury – INCREaSE 2023 is a congress with the aim to bring together valuable and novel scientific contributions to the sustainable development in a multidisciplinary way, addressing the critical issues of renewable energy, sustainable building, sustainable manufacturing, sustainable food production and other sustainable science and engineering topics that have an impact in this diverse and fast-changing research area, both in academia and industry. This 3<sup>rd</sup> edition of INCREaSE will be a hybrid event, held during July 5-7, 2023, in Faro, Portugal, organized by the Institute of Engineering and hosted by University of Algarve. The scope of the conference will cover, but will not be limited to, the following topics:

### Conference Topics

- Big data and data analytics applied to sustainability
- Climate change and mitigation, carbon reduction
- Combined heat and power and district heating systems
- Control and optimization of renewable energy systems
- Energy and environmental assessment in buildings and cities
- Food loss and food waste solutions
- Food safety and quality engineering
- Information technology and artificial intelligence applied to sustainability
- Nanoelectronic, nanomachining, and new nanomaterials
- Smart buildings, smart cities, smart districts, smart countryside
- Sustainability in water management
- Sustainable building technologies
- Sustainable development and circular economy
- Sustainable energy generation and management
- Sustainable food processing and packaging
- Sustainable manufacturing and maintenance processes and technology
- Sustainable technologies for risk mitigations
- Sustainable transport, smart vehicles and smart roads
- Thermo fluids modelling and experiments for sustainability

### Important Dates

- Paper and Abstract submission deadline: **February 10<sup>th</sup>, 2023**
- Notification of acceptance: **March 10<sup>th</sup>, 2023**
- Final paper submission deadline: **April 14<sup>th</sup>, 2023**
- Early bird registration deadline: **April 14<sup>th</sup>, 2023**
- Regular registration deadline: **June 30<sup>th</sup>, 2023**
- Conference and onsite registration: **from 3<sup>rd</sup> to 7<sup>th</sup>, July, 2023**

### Submissions

Authors can participate in INCREaSE 2023 with:

- Accepted full papers will be invited to present (in-person or online) a 15-minute oral (preferable) or poster presentation and will be indexed by Springer.
- Accepted abstracts will be invited to present (in-person or online) a poster and will be non-indexed.

### Organizing Committee

- Jorge Semião  
Univ. Algarve & INESC-ID, Portugal
- Nelson Sousa  
Univ. Algarve, Portugal
- Rui Cruz  
Univ. Algarve & MED, Portugal
- Gonçalo Prates  
Univ. Algarve & IGOT-UL, Portugal
- Damian Bęben  
Opole Univ. Technology, Poland
- Irene Albertos  
Univ. of Valladolid, Spain
- J. David Bienvenido-Huertas  
Univ. Granada, Spain
- Jooyeoun Jung  
Oregon State Univ., U.S.A.
- Juan Gutierrez-Estrada  
Univ. Huelva, Spain
- Pedro Coelho  
IST – Univ. Lisbon, Portugal
- Raúl Martín-García  
Univ. Cádiz, Spain
- Víctor Muñoz-Martinez  
Univ. Malaga, Spain



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