



# CISBAT 2021

Carbon Neutral Cities - Energy Efficiency & Renewables in the Digital Era  
8-10 September 2021 - EPFL Lausanne Switzerland [CISBAT.ORG](http://CISBAT.ORG)

## Call for Papers Summary

We are delighted to announce the CISBAT 2021 International Conference on "Carbon Neutral Cities – Energy Efficiency & Renewables in the Digital Era" and to issue a call for scientific papers in the following domains (oral, poster and software sessions):

1. Smart materials for building envelopes (micro- and nanotechnologies)
2. Climate resilient buildings (ecobuildings, retrofit, performance gap)
3. Daylighting & electric lighting (human centric & green lighting)
4. Human & building interaction (user centered systems, health, behaviour)
5. Building simulation & ICT (design, optimisation, analysis)
6. Renewables in the built environment (electricity, heating and cooling)
7. Smart buildings & districts (distributed energy systems, predictive & adaptive control, energy demand & supply)
8. Data mining for the built environment (big data & machine learning)
9. Urban climate modelling (microclimate, energy performance, regenerative design)
10. Innovative construction for circular economy (LCA, recycling, design)

The call relates to new research and technological development as well as to particularly innovative case studies.

Submission will include two phases:

1. Abstract submission (double review - preliminary decision poster/oral) - deadline 15 January 2021
2. If the abstract has been accepted, submission of a 6-page paper (single review) - deadline 30 April 2021

Abstracts of 450 to 600 words describing the purpose of your work, the methodology and the results should be submitted through [www.cisbat.org](http://www.cisbat.org) before **15 January 2021**.

### Schedule

Deadline for Abstract submission	15 January 2021
Author acceptance notification (oral, poster)	15 March 2021
Deadline for full paper submission	30 April 2021
Conference	8-10 September 2021

Papers will be published in a CISBAT 2021 special issue of IOP's Journal of Physics Conference Series, an open access publication indexed by Scopus (licence CC BY).

**For more details -- scope of the conference, venue, registration, scientific committee and soon also keynote speakers --, please refer to**

[www.cisbat.org](http://www.cisbat.org)

We look forward to welcoming you in Lausanne!

Prof. Jean-Louis Scartezzini, Conference Chair

Swiss Federal Institute of Technology Lausanne (EPFL)  
Solar Energy and Building Physics Laboratory (LESO-PB)



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