

## Conference Venue

The venue is the Grand Hotel San Michele, located in Cetraro, Calabria, in the South of Italy ([www.sanmichele.it](http://www.sanmichele.it)). The Hotel is in an old mansion and has restaurant inside, and outside of one of the three large terraces, swimming pool, golf course, private beach, convention center, driving range, tennis court, piano bar and billiard room.. The hotel is surrounded by an organic farm that provides the hotel with fresh organic food. Its coast location offers many interesting boat excursions.

## Accommodation

The maximum number of people that can be hosted in the hotel is about 80; however, there are other hotels in the area and the hotel can arrange pickups.



## Transportation

**Air:** The Lamezia Airport is 75 km from the hotel. The hotel can arrange for pick-ups.

**Train:** The Paola Railway station is about 21 km from hotel. The hotel can arrange for pick-ups.

**Auto:** Use the Motorway Roma – Caserta Sud – Salerno – Lagonegro Nord – Fondo Valle Noce. (293 km)

## General Information

Engineering Conferences International (ECI) is a not-for-profit global engineering conferences program, originally established in 1962, that provides opportunities for the exploration of problems and issues of concern to engineers and scientists from many disciplines.

The format of the weeklong research conference provides morning and late afternoon or evening sessions in which major presentations are made. Available time is included during the afternoons for ad hoc meetings, informal discussions, and/or recreation. This format is designed to enhance rapport among participants and promote dialogue on the development of the meeting. We believe that the conferences have been instrumental in generating ideas and disseminating information to a greater extent than is possible through more conventional forums. All participants are expected both to attend the entire conference and to contribute actively to the discussions. As ECI conferences take place in an informal atmosphere, casual clothing is the usual attire.

Complete conference details are available on the web site: [www.engconf.org/20aw](http://www.engconf.org/20aw)

Engineering Conferences International  
32 Broadway, Suite 314, New York, NY 10004  
T: 1-7212-514-6760 – F: 1-212-514-6030

[info@engconfintl.org](mailto:info@engconfintl.org) - [www.engconfintl.org](http://www.engconfintl.org)

## ECI contact

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## Technical Organizing Committee

Dr. Filomena Ardolino (University of Campania “Luigi Vanvitelli”, Italy) [filomena.ardolino@unicampania.it](mailto:filomena.ardolino@unicampania.it)

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## WasteLCA\_3

### Life Cycle Sustainability Assessment for Waste Management and Resource Optimization



June 21-26, 2020

Grand Hotel San Michele,  
Cetraro (Calabria), Italy



[www.engconf.org/20aw](http://www.engconf.org/20aw)

## About this conference

Building on the success of the 2016 conference held at Grand Hotel San Michele Cetraro, Italy, and that of the 2018 conference held at Comwell Borupgaard, Denmark, this third iteration of the conference will bring together a wide range of delegates from different scientific areas thereby taking a multi-disciplinary approach to assessment of waste and residual resources management in the framework of future sustainable economy.

**The conference focuses on methodologies and tools, such as Life Cycle Assessment (LCA), Life Cycle Costing (LCC) and Social Life Cycle Assessment (S-LCA), which allow a fair and reliable comparison between the performances of different waste and residual resource management solutions. Methodological developments related to these approaches will be taken into account together with important case studies.**

The program includes keynote speakers, thematic sessions, workshops, and poster sessions. The intention is to stimulate fruitful discussions on innovative ideas and directions to be pursued in future research activities, as well as how these approaches can be transferred to practical application in society.

## List of topics

- LCA/LCC/S-LCA of municipal and industrial waste management scenarios
- LCA/LCC/S-LCA of the management of specific waste streams in a circular economy perspective
- LCA/LCC/S-LCA of waste prevention initiatives and product design in a circular economy perspective
- LCA/LCC/S-LCA of specific/novel waste technologies and their integration into connected systems (e.g. energy and transport)
- Life Cycle Engineering and Sustainable Manufacturing
- Methodological developments in relation to sustainability assessment for waste management and resource optimization
- Effects of legislation and policy on future waste management criteria in a life cycle perspective

## Conference Chairs

Professor **Umberto Arena**, Full professor of Waste Management and Industrial Pollution Control Engineering, University of Campania “Luigi Vanvitelli”, [umberto.arena@unicampania.it](mailto:umberto.arena@unicampania.it)

Professor **Thomas Astrup**, Full Professor of Environmental Engineering, Technical University of Denmark, [thas@env.dtu.dk](mailto:thas@env.dtu.dk)

### Honorary Chair:

Professor **Morton Barlaz**, Distinguished University Professor and Head Dept. of Civil, Construction and Environmental Engineering, North Carolina State University [barlaz@ncsu.edu](mailto:barlaz@ncsu.edu)

## Scientific Advisory Committee

Professor **Dezhen Chen** (Tongji University, China)

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Professor **Antonio Massarutto** (University of Udine, Italy)

Ms. **Susan Thomeloe** (Environmental Protection Agency, USA)

Dr. **Davide Tonini** (EC-Joint Research Centre, Spain)

## Abstract Submission

One-page abstract should be submitted as soon as possible and no later than the deadline noted below.

The abstract should include both the significance of the research as well as results that will be discussed in order to allow a scientific assessment of the work by the organizers. Please indicate the topic for which you are submitting your abstract.

This conference will follow the typical ECI conference format, consisting of planned morning and late afternoon/early evening sessions with sufficient free time to be used for ad hoc sessions, networking and discussions among the participants and for small group-specific activities.

All persons whose abstracts are accepted will be required to give an oral presentation (that will be of approximately ten minutes) and to prepare a poster for discussion at the poster session during the evening. This will allow intensive discussion of the technical materials presented.

**Deadline for abstract submission: January 20, 2020**

**Abstracts should be submitted electronically at <https://ssl.linklings.net/conferences/lca>**

## Publications

**Supported by Professors Arena and Barlaz, as co-Editors-in-Chiefs of the Waste Management journal, a selection of the best contributions presented at the Conference will be invited to submit manuscripts for a special issue in the Waste Management journal, focused on a topic close to those of the conference. In any case, this special issue will be open to contributions from outside the conference.**