

Organised by

- WasteEng Conference Series
- IMT Mines Albi-Carmaux (IMT-MA), France
- University of Guelph (UoG), Canada

In collaboration with

- Springer Nature
- National Center for Scientific Research, CNRS, France
- WTERT (Columbia University and City College of the University of New York), USA
- Princeton University, USA

Important dates

- June 18, 2019:** Abstract submission opening
- October 3, 2019:** Abstract submission deadline
- January 16, 2020:** Author notification
- January 23, 2020:** Registration opening
- March 24, 2020:** Early-bird registrations deadline
- July 13-16, 2020:** WasteEng2020 Conference



Committees

Organising Committee Board

Professor Ange Nzihou, Chair
(IMT-MA, France)

Dr. Francisco Javier Escudero
Sanz (IMT-MA, France)

Dr. Elsa Weiss-Hortala
(IMT-MA, France)

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Co-Chair (UoG, Canada)

Dr Sheng Chang (UoG, Canada)

Dr Bassim Abbassi (UoG, Canada)

Christopher Beckett (UoG, Canada)

Abstract submission

Details on abstract preparation and submission are available
at the conference website:

<http://www.wasteeng2020.org/>

8th International Conference on Engineering for Waste and Biomass Valorisation



Scientific Committee

Acharya, B., Canada
Adelard, L., France
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Atiyeh, H., USA
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Kumar, N., Finland
Kwapinska, M., Ireland
Kwapinski, W., Ireland
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Liu, J., China
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Lyberatos, G., Greece
Manyá, J., Spain
Marchand, M., France
Marias, F., France
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Onwona-Agyeman, B., Ghana

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Qin, W., Canada
Raghavan, V., Canada
Ramli, A.B., Malaysia
Ray, M., Canada
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Ro, K., USA
Sadouna, I., Morocco
Saake, B., Germany
Sanchez Hervas, J.M., Spain
Schulzke, T., Germany
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Skidas, I., Denmark
Trémier, A., France
Valix, M., Australia
Van Deventer, J., Australia
Vasudevan, P.T., USA
Wang, F., China
Watanabe, M., Japan
White, C., USA
Xu, C., Canada
Yoshikawa, K., Japan
Zeman, F., Canada
Zhao, Y., China

Publication of theme issues

Following the experience of previous issues of WasteEng
Conference Series, high quality and original contributions
will be submitted for review in a peer reviewed journal.

Contacts

*The correspondence concerning the technical programme
and scientific matters should be addressed to:*

contact@wasteeng2020.org

*The correspondence concerning other subjects (on-line
registration, submission, payment...) should be addressed to:*

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July 13-16, 2020
Guelph, Canada

www.wasteeng2020.org



Invitation

Creating opportunities and learning about the latest research findings and developments in the field of the conversion of Biomass and Waste.

Building on the successful 15 years of the WasteEng Conference Series, we are delighted to announce the 8th Edition; **WasteEng2020** to be held from **July 13 to 16, 2020 in Guelph (Canada)**. **WasteEng2020** will feature cutting-edge R&D and address barriers related to the **Conversion of Biomass and Waste into Added-Value Materials and Energy**. The conference will also emphasize life cycle assessment and technologies, processes and practices that reduce emissions.

WasteEng2020 aims to bridge the gap between academic, industrial and governmental agencies by bringing together leading experts worldwide.

Specifically it will offer tremendous opportunities to:

- discuss and exchange your ideas with delegates from around the world
- meet face-to-face with some of the most active researchers and practitioners in the field
- network and forge new contacts
- learn about the latest innovation and research findings in this field

Our previous events (WasteEng2005 in France, WasteEng2008 in Greece, WasteEng2010 in China, WasteEng2012 in Portugal, WasteEng2014 in Brazil, WasteEng2016 in France, WasteEng2018 in Czech Republic) were a great success, fostering discussion between participants, building new relationships and creating business opportunities.

WasteEng conference became a key event in the international agenda in the field.

Abstracts submission is opened since June 18, 2019 and will be closed on October 3, 2019.

Keep yourself in the loop with news and updates at www.wasteeng2020.org

We look forward to meeting you in Guelph in July 2020!

Prof Ange Nzihou
Chair of the WasteEng Conference Series

Topics

Plenaries, Keynotes, Oral presentations, Panels discussions and Posters will cover the following themes related to Biomass, Residues and Waste for Sustainable Development:

TOPIC 1: Resources and Feedstock

- Resources and Sustainability
- Feedstock Availability, Characterisation, Composition and Suitability for a Dedicated Process
- Extraction of Critical Materials from Waste
- Recycling and Reuse

TOPIC 2: Pre-treatments

- Fractionation, Extraction, Drying, Dewatering, Purification, Sorting and Separation

TOPIC 3A: Biomass and Waste to Energy using Biochemical and Chemical routes

- Methane, Ethanol and other Bioproducts Production
- Conversion for Heat and Power
- Recovery and Valorisation of Methane from Landfill
- Gas Cleaning and Processing
- Design and Industrial (full scale) Application

TOPIC 3B: Biomass and Waste to Energy using Thermochemical route

- Syngas, Methane, Ethanol, Ethylene, Benzene and other Bioproducts Production
- Conversion for Heat and Power
- Gas Cleaning and Processing
- Design and Industrial (full scale) Application

TOPIC 4A: Biomass and Waste to Chemicals, Fuels and Useful Materials using Biochemical and Chemical routes

- New Products, Biofuels, Catalysts, Sorbents, Molecules and Components
- Valorisation of CO₂ - Capture, Storage and Utilisation
- Gas Cleaning and Processing
- Design and Industrial (full scale) Application
- Rare Earth Metals

TOPIC 4B: Biomass and Waste to Chemicals, Fuels and Useful Materials using Thermochemical route

- New Products, Biofuels, Catalysts, Sorbents, Enzymes, Functional Molecules and Components
- Valorisation of CO₂ - Capture, Storage and Utilisation
- Gas Cleaning and Processing
- Design and Industrial (full scale) Application

TOPIC 5: Sustainable Construction Materials from Waste, Industrial and Agricultural by-products

- Production, Characterisation and Quality Control
- Durability
- Environmental Assessment, Policy and Standardisation

TOPIC 6: Energy Efficiency and Storage

- Materials for Energy
- Energy and Fuel Storage, Batteries, Supercapacitors, Solar and Photovoltaic Energy, CO₂ and other Gases Sequestration
- Use of Renewable Energy Sources and their Integration for the Conversion

TOPIC 7: Emissions, Residues Mitigation and Prevention

- Waste and Residual Biomass Minimisation and Management
- Pollutant Treatments and Greenhouse Gas Valorisation
- Minimisation and Mitigation of Greenhouse Gas Emissions

TOPIC 8: Circular Economy - Connecting Economic, Environmental and Social gains

- Eco-Conception Approach
- Life Cycle Assessment, Ecological Footprint and Indicators
- Policies, Regulatory and Social Acceptance
- Health and Risk Assessment
- Education and Teaching
- From Research to Innovation and Industry, Economic and Market



Registration fees

WasteEng2020 Conference (July 13-16, 2020)

For Canadian residents, it will be possible to pay in CAD. Details on the fees will be provided soon on the website.

Fees (net prices)	Up to March 24, 2020	From March 25, 2020 to July 10, 2020	On site
Scientific Committee members	550€	650€	950€
Standard registration	650€	800€	950€
Student registration	400€	500€	600€
Additional paper (≥3) *	150 € / paper		

Fees include: book of abstract, lunches and coffee breaks, welcome reception and gala dinner.

In order to benefit from the student registration fees, you will be required to send a copy of a valid student card.

Important notice

- Each accepted paper should be accompanied by one registration
- Each participant may present up to two papers (oral presentation or poster)

* Participants may present more than two papers. In this case a fee of 150€ per additional paper will be charged.

Visa Application

If you need a participation letter to apply for a Canadian visa, you should have your registration to the conference completed. Once registered, you could retrieve the participation letter from the conference website. If you request an original copy to be mailed to you by the conference, please be aware that this will require a payment from your side as an «additional order» (please see the details on the registration page). Please contact the Conference Secretariat for any further request.

Registration information

Please browse the conference website for further information if you plan to attend the conference.