# Special Issue

# Thermochemical Biorefining

### Message from the Guest Editor

Thermochemical biorefining holds enormous potential for sustainable production of carbonaceous chemicals and fuels; sustainable in terms of economic, environmental and resource efficiency. Within this scope, virtually all organic streams, be they wet/dry, virgin/residual, aquatic/terrestrial, flora/fauna-derived can be processed alone or in mixtures to intermediate platform chemicals and precursors, intermediate fuel products, such as syngas or bio-oils and, from there, efficiently converted to synthetic hydrocarbons or higher alcohols. However, challenges in implementation, process understanding, design and upscaling, identifying and alleviating bottlenecks in process flows, exist within all, as do significant challenges in establishing and documentating sustainability in its full meaning. The scope of this Special Issue is to present the state-of-the-art within sustainable thermochemical biorefining for fuels and chemicals, and to highlight opportunities within sustainable processing realisable by these pathways. [...]

### Guest Editor

Prof. Dr. Lasse Rosendahl

Department of Energy, Aalborg University, Pontoppidanstræde 111, 9220 Aalborg, Denmark

### Deadline for manuscript submissions

closed (15 January 2019)

**Energies**

**an Open Access Journal by MDPI**

**Impact Factor 3.2**
**CiteScore 7.3**

mdpi.com/si/12519

*Energies*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

# Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

# About the Journal

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

## Author Benefits

**Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:**

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:**

CiteScore - Q1 (Control and Optimization)