



# 20th IEEE Vehicle Power and Propulsion Conference (VPPC)

## October 23-27, 2023 | Milan, Italy

### Call for Paper for Special Session: “Electromobility and the city : Social, Economic and urban impacts of EVs and their infrastructures” – organized by CUMIN

#### Technical Program Committee

#### Co-Chairs

*Julia FROTEY*, Institut National de la Recherche Scientifique, QC, Canada  
 julia.frotey@inrs.ca

*BERic HITTINGER*, University of Lille, France; Rochester Institute of Technology, USA, [eshgpt@rit.edu](mailto:eshgpt@rit.edu)

The IEEE VPPC 2023 will be held in Milan, Italy. The conference will bring together engineers, researchers, and other professionals for interactive and multidisciplinary discussions on electrified vehicle power, propulsion, and related technologies. Prospective authors are invited to submit original full papers related to the theme of the following special session.

#### Special Session Description:

The transportation sector is the largest contributor to global greenhouse gases (GHG), exceeding even electricity system emissions in most developed countries. The 2016 IEA report on Mobility indicates that rapid adoption of electrified vehicles (EVs) is essential to limit global warming to 2°C. Political interest in EVs is also growing, with a variety of policies that range from bans on thermal vehicles to mandated EV sales quotas. Successfully achieving this transition requires more than just technical solutions. A rapid shift towards EVs requires an understanding of vehicle economics and consumer preferences, informed policy support, new infrastructure, and an understanding of how these different elements interact.

The main learning objectives will be to inform researchers and the public about the social, economic and urban planning issues in electromobility. The challenges are not only technical but also economic (i.e. affordability of an EV for different drivers and households), political (i.e. subsidy policy design or charging station installation support), territorial (i.e. implementation of low-emission zones, air quality stickers) and social (i.e. acceptability of all those electric car policies).

#### Important Dates

**Paper Submission (extended): May 8, 2023**

**Acceptance Notification:** July 5, 2023

**Final Paper Due:** July 31, 2023

**Conference Dates:** October 23-27, 2023



#### The topics of interest include, but not restricted to:

- • Analysis of social or political factors in the switch from fossil-fuel vehicle to EVs
- • Ecological footprint of current or future mobility systems
- • Policy analysis of sustainable mobility plans or policies
- • Economic or behavioral analysis of electro-mobility
- • Social acceptance or impacts of electro-mobility

**Manuscript Preparation and Submission:** 6-page paper (without over length charge) and up to 2 additional pages are allowed (Additional page charge \$100 USD per additional page should be paid at the time of registration and final paper submission).

**Submit papers at:** <https://vppc2023.trackchair.com/>

For additional information and paper submission, please visit:

<https://events.vtsociety.org/vppc2023/>



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