



**Fifteenth International Conference on  
Ecological Vehicles and Renewable Energies  
EVER2020, May 28-30, 2020, Monte-Carlo (Monaco)**

**Electric mobility for the smart city**  
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**Thematic:** In the last few years the global community has been spectator of an unprecedented revolution in the mobility sector, specifically in the automotive market, with an impressive shifting of technology from internal combustion engine vehicles to hybrid and full electric vehicles. For this reason, the interest of researchers toward these topics has increased in the last years, and different studies have been proposed and are still under investigation in order to evaluate the optimal integration of electric mobility systems in urban areas. This phenomenon, coupled with an increased attention on sustainability, environmental issues and people well-being, led to the development of smart city pilot projects where electric mobility plays a key role. This refers to the use of public and private vehicle fleets fed by appropriate charging infrastructures and managed through advanced IoT platforms which allow the implementation of innovative strategies including demand response approaches and smart charging. In the smart city of the future the integration of electric vehicles in smart power grids and microgrids, characterized by a massive spread of renewables sources and storage systems, will be more and more fundamental.

In this context, the present special session could be an opportunity for specialists coming from academia and industry to share their experiences and vision on electric mobility in smart cities. Topics of interest include, but are not limited to:

- Smart city pilot projects,
- Hybrid and full electric passenger cars, light duty vehicles and buses,
- Electric micro mobility,
- Charging infrastructures,
- Smart charging of electric vehicles,
- V2G (Vehicle-to-Grid), V2B (Vehicle-to-Building), V2H (Vehicle-to-Home),
- Demand response,
- Vehicle grid integration,
- Energy markets and aggregators,
- Integration of electric vehicles with renewable sources,
- Electric vehicles in smart grids, microgrids and nanogrids,
- Charging tariffs and new business models linked to electric mobility,
- Electric car sharing and car pooling services,
- Energy management systems,

- Simulation and optimization,
- Environmental impact evaluations,
- Mobile and stationary distributed energy storage systems.

**Submission:** Prospective authors are invited to submit comprehensive abstracts of three A4 pages each, written in English. Abstracts should be sent by e-mail to: [stefano.bracco@unige.it](mailto:stefano.bracco@unige.it)

<b>Important Dates:</b>	October 4, 2019	submission of abstracts
	December 6, 2019	notification of Provisional acceptances
	February 7, 2020	submission of full papers
	March 20, 2020	notification of final acceptances