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# High-Capacity Cells and Batteries for Electric Vehicles

Guest Editors:

**Prof. Dr. Lluc Canals Casals**
Department of Project and Construction Engineering, Universitat Politècnica de Catalunya (UPC), 08034 Barcelona, Spain

**Prof. Dr. Marcel Macarulla Marti**
Group of Research and Innovation in Construction (GRIC), Department of Project and Construction Engineering, Universitat Politècnica de Catalunya (UPC), 08034 Barcelona, Spain

**Dr. Alberto Gómez Núñez**
Eurecat - Centre Tecnològic de Catalunya, Unit of Waste, Energy and Environmental Impact, Av. Universitat Autònoma, 23, 08290, Cerdanyola Del Vallès, Spain

Deadline for manuscript submissions:
**closed (28 May 2021)**

mdpi.com/si/55576

## Message from the Guest Editors

This Special Issue aims to evaluate several issues concerning high-capacity batteries, and papers are welcome if they analyze one or more of these topics or respond to these questions:

- Upcoming battery technologies: analyzing their relevant benefits but also presenting their shortage or less performant issues;
- From cell tests to battery;
- New packaging strategies and configurations;
- Weight versus consumption and overall performance of electric vehicles;
- The role of battery management systems in maximizing the capacity of batteries;
- Ageing and lifespan analysis. Higher capacity means fewer cycles and, thus, longer lifespan in real applications;
- End of life;
- Beyond the electric vehicle:
    - Circular economy strategies and battery second life;
    - Recycling;
- Environmental impact;
- Avoiding the use of critical and/or toxic materials;
- When will capacities stop increasing?
- The charge of high capacity electric vehicle batteries;
- Reviews and comparatives of technologies.

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## Editor-in-Chief

**Prof. Dr. Enrico Sciubba**
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

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*Energies* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/energies
energies@mdpi.com
𝕏@energies_mdpi