



## Perovskites for Energy Storage Applications

Guest Editor:

**Dr. Marco Deluca**

Materials Center Leoben  
Forschung GmbH (MCL),  
Roseggerstraße 12, A-8700  
Leoben, Austria

Deadline for manuscript  
submissions:

**closed (31 May 2021)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue targets all new developments in perovskite materials with the goal of using them as long-term energy supply. Contributions are welcome in the field of chemically substituted perovskites, both lead-free and lead-based, with relaxor, antiferroelectric, and diffuse phase transition behavior. Articles can address new compositions, processing methods (bulk ceramic, thick film, and thin film), multiscale characterization procedures, and applications. We specifically welcome papers including computational procedures for the design of new compositions (e.g., data-driven materials design) or for the interpretation of structure–property relationships evinced from experimental data (e.g., atomistic modelling). Applications could range from energy supply to microelectronic devices like autonomous sensors (e.g., energy storage devices in combination with energy harvesting modules), to capacitors for the stabilization of currents in grid applications or electric vehicles (i.e., power electronics).

I kindly invite you to submit a manuscript for this Special Issue. We accept full papers, short communications, and reviews.

Dr. Marco Deluca  
*Guest Editor*

