

## Special Issue

# Evaluation of Structure and Magnetic Properties of Magnetic Components

### Message from the Guest Editor

Dear All, Magnetic materials and components are increasingly ubiquitous in cutting-edge applications in various sectors, eg. defense, energy, transportations, and so on. This Special Issue encourages original research as well as review articles on the recent research findings on the fabrication, structure, magnetic properties, and performance correlation in magnetic materials and components including, but not limited to, permanent magnets, soft magnets, magnetoelastics, magnetocalorics, and multiferroics in a variety of contact, non-contact, low-frequency, and high-frequency applications. The scope includes experimental and computational evaluation of the structure and magnetic properties of novel material compositions including, amorphous and crystalline—conventional (principal component) as well as high-entropy (multi-principal component)—alloys, ceramics, and composites; fabricated by a variety of equilibrium and far-from-equilibrium processes—traditional and advanced manufacturing methods including additive manufacturing. Furthermore, the scope includes state-of-the-art structural and magnetic characterization of bulk materials, powders, and nanomaterials.

### Guest Editor

Dr. T. V. Jayaraman

Department of Mechanical Engineering, University of Michigan—Dearborn, 4901 Evergreen Road, Dearborn, Michigan 48128, USA

### Deadline for manuscript submissions

closed (31 December 2020)



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*Magnetoechemistry*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[magnetoechemistry@mdpi.com](mailto:magnetoechemistry@mdpi.com)

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#### Editor-in-Chief

Prof. Dr. Carlos J. Gómez García

Department of Inorganic Chemistry, Faculty of Chemistry, University of Valencia, C/Dr. Moliner 50, 46100 Burjassot, Spain

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