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## Ultra Thin Ferroic Materials

Guest Editor:

**Prof. Dr. Beatriz Noheda**

Solid State Materials for  
Electronics Group, Zernike  
Institute for Advanced Materials,  
University of Groningen (RUG),  
Nijenborgh 4, 9747AG-  
Groningen, The Netherlands

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### Message from the Guest Editor

Dear Colleagues,

Understanding and controlling electronic functionality at the nanoscale is one of the main current challenges in materials science. In particular, ferroelectric and magnetic materials are the key elements in a variety of electronics devices, from memories to sensors, of which miniaturization is actively pursued. However, due to their very nature and the long-range interactions involved, reducing the dimensions of ferroic materials below 50-100 nm not only poses important technical questions and highly interesting fundamental problems, but also generates novel and distinct functionalities. In this Special Issue, we want to bring forward some of the concepts, problems, and questions presently under discussion in the field of ultrathin ferroic films.

Prof. Dr. Beatriz Noheda  
*Guest Editor*



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### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

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

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