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## Experimental Mechanics of Micro-Nano Scale Spectroscopy

Guest Editor:

**Prof. Dr. Wei Qiu**

Department of Mechanics,  
School of Mechanical  
Engineering, Tianjin University,  
Tianjin 300072, China

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### Message from the Guest Editor

The experimental investigation on mechanical behavior around various new materials and structures is a hot field in materials science and engineering, which requires the continuous development of new methods and technologies of experimental mechanics. In recent years, micro and nano spectral technologies, such as micro-Raman spectroscopy and micro fluorescence spectroscopy, have seen many influential achievements in frontier applications of mechanical studies. A new sub-branch of experimental mechanics is forming, namely, spectral experimental mechanics. This Special Issue intends to gather the recent results of spectral technologies in the methodological research of experimental mechanics and the frontier field of mechanics at the micro and nano scale. We look forward to contributions including, but not limited to, the following fields.

- Experimental theory of spectral–mechanical characterization;
- New methods or techniques of mechanical measurement using spectroscopy;
- New development of spectral instruments for the experimental study of mechanics;
- Application of spectral analysis on the mechanical behaviors of advanced materials,



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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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