



## Applied Superconductivity for Particle Accelerator

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue will summarize the current status of accelerator magnet technology for particle accelerators with particular focus on the challenges and possible innovations using HTS materials as the basis for a new paradigm. The following general topics will be covered.

- Current Status and Ultimate Potential of Nb<sub>3</sub>Sn
- HTS for Particle Accelerator Magnets
  - Conductor Properties
  - Magnetic Design
  - Fabrication Techniques
  - Quench Detection and Magnet Protection
  - High Current Cables
  - Test Results
  - Summary of Active R&D Programs

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## Message from the Editor-in-Chief

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