

The 10<sup>th</sup> Joint European Magnetic Symposia August 26-30, 2019 Uppsala, Sweden









## Important dates:

**Abstract** Online registration:

submission: Start: 4/2/2019

Start: 17/9/2018 End: 20/8/2019

End: 10/4/2019 Early bird ends: 26/6/2019

**General information:** 

www.jems2019.se

**Sponsoring and exhibition:** 

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## The Joint European Magnetic Symposia (JEMS) combine to form the most important and comprehensive conference on magnetism in Europe.

## Symposia:

- 1. Biomagnetism and medical applications
- 2. Electronic structure and strongly correlated electron systems including superconductivity
- 3. Frustrated and disordered magnetism, artificial spin ice
- 4. Magnetism in carbon-based and organic materials
- 5. Magnetorecording media, magnetic memories and magnetic sensors
- 6. Magnetic thin films, multilayers, surface and interfaces
- 7. Magnetism in alloys and intermetallics
- 8. Novel magnetic techniques
- 9. Materials for energy (permanent magnets, magnetocalorics and soft magnetic materials)
- 10. Micromagnetics and magnetization processes
- 11. Nanomaterials, patterned films, nanoparticles and molecular magnetism
- 12. Spin-orbit and topology driven phenomena
- 13. Magneto-optics and magnetoplasmonics
- 14. Multifunctional magnetic materials: magnetic shape memory materials, multiferroics including artificial/composite multiferroics, and perovskites
- 15. Spin waves, magnonics, ultrafast magnetization dynamics and optically driven spin excitations
- 16. Magnetotransport, spintronics, spin orbitronics and spin caloritronics

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