

March Meeting 2005

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[W3. Quantum Spin Dynamics in Single-Molecule Magnets](#)

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[W5. Functional Ceramics: the Nano/Microstructure-Property Relationship in Electronic, Optical, Biological and Structural Materials](#)

[W6. Quantum Information Meets Density Matrix Renormalization](#)

[W7. Advances in the Biological Physics of Morphogenesis](#)

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Session X

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[X2. Fulde-Ferrell-Larkin-Ovchinnikov Superconductivity in Heavy Fermion Compounds](#)

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[X12. HTSC: Neutron Scattering and Magnetism](#)

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[X16. Superconductors for Quantum Computing: Experimental Techniques and Fabrication](#)

[X17. Quasi-1D Transport and Quantum Dot Spectroscopy](#)

[X20. Dielectric and Optical Phenomena](#)

[X21. Focus Session: MultiScale Analysis of Ions in Solutions, Proteins, and Channels: Analysis](#)

[X24. Granular Flow II](#)

[X25. Theory and Simulation of Carbon Nanotubes](#)

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[X27. Focus Session: Carbon Nanotubes: Mechanical Properties](#)

[X28. Electronic Theory of Metals](#)

[X29. Wetting & Dewetting-Stability of Polymer Thin Films](#)

[X30. Polymer Crystallization](#)

[X31. Organic-based Magnetism and Spintronics](#)

[X32. Theoretical and Multiscale Modeling Methods](#)

[X34. Surfaces and Interfaces I](#)

[X35. Energy Landscapes of Gases, Clusters, Materials and Biomolecules](#)

[X40. Focus Session: Morphology and Evolution at Surfaces: Defects and Transport](#)

[X42. Magnetic Oxides](#)

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Session Y

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[Y2. Kondo Physics and Spin Control in Nanostructure Optics and Transport](#)

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[Y5. Parallel and High-Throughput Experimentation for the Physical Sciences: Methods, Applications and Technology Development](#)

[Y13. Photoemission Studies of Superconductors](#)

[Y14. Focus Session: Supercritical Carbon Dioxide Processing](#)

[Y15. Biosensors and Hybrid Biodevices](#)

[Y16. Superconducting Single and Coupled Qubits](#)

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