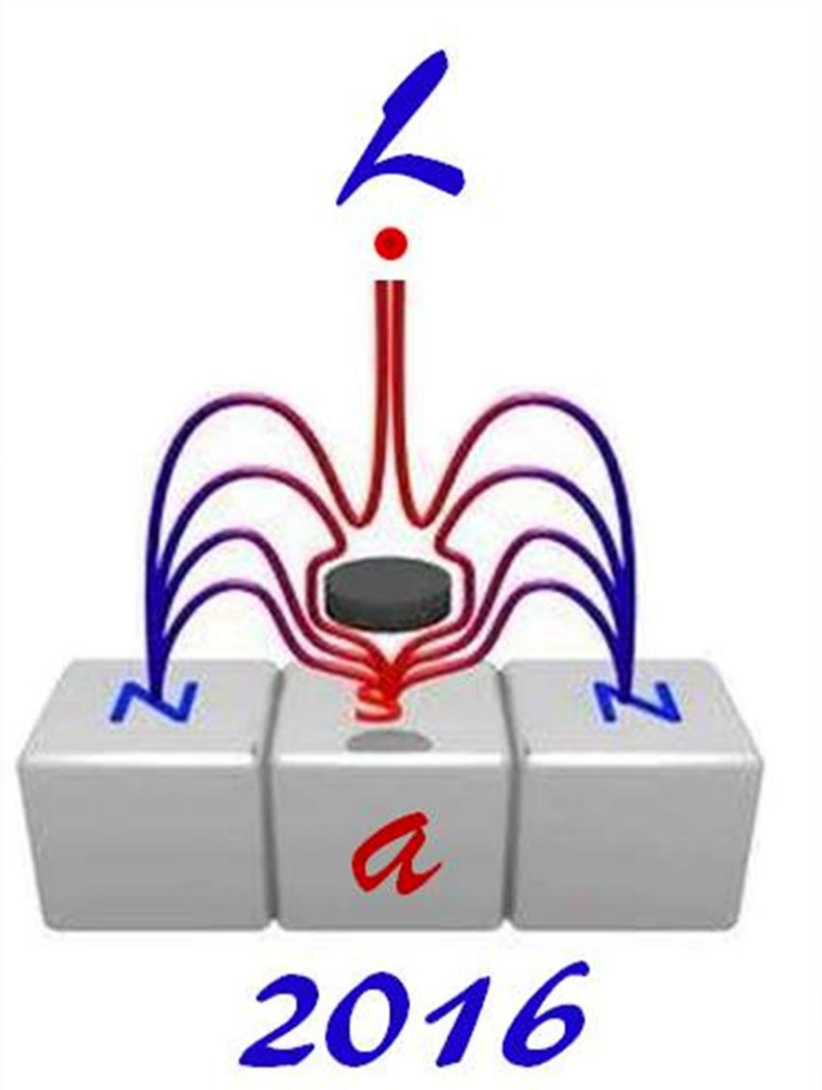


I LATIN AMERICAN CONFERENCE ON SUPERCONDUCTIVITY AND MAGNETISM



October 24th – 28th, 2016

LIMA - PERU



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Venue

Auditorium of the
Universidad Nacional Mayor de San Marcos
Ciudad Universitaria
Lima
Peru

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TOPICS

A. THEORY, MECHANISMS AND FUNDAMENTALS

- A1: *Ab Initio* magnetism
- A2: Frustrated magnetism and spin systems
- A3: Kondo effect and systems
- A4: Vortex theory
- A5: New phenomena in type I superconductors
- A6: Numerical models in superconductors
- A7: Phase diagrams of superconductors, pseudo-gaps and order parameters
- A9: Quantum computation
- A10: Spin dynamics and correlated systems
- A11: Magnetism theory
- A12: Superconductivity theory
- A13: Topological insulators and superconductors

B. SUPERCONDUCTIVITY: MATERIALS, SYNTHESIS AND CHARACTERIZATION

- B1: Superconductors
- B2: Boron carbides
- B3: Superconductors Bulk
- B4: Carbon based superconductors
- B5: Superconducting thin films
- B6: Fullerene superconductors
- B7: High T_c cuprates superconductors
- B8: Impurities and defects in superconductors
- B9: Iron based superconductors
- B10: Low T_c superconductors
- B11: MgB₂ based superconductors
- B12: Nanoscale superconductors
- B13: New superconductors
- B14: Organic superconductors
- B15: Characterization of superconductors
- B16: Processing and structural properties of superconductors
- B17: Magnetic properties of superconductors
- B18: Josephson junctions
- B19: Superconducting wires
- B20: Superconductivity applications
- B21: Criogenia

C. MAGNETISM: MATERIALS, SYNTHESIS AND CHARACTERIZATION

- C1: Magnetic nanomaterials
- C2: Magnetic thin films
- C3: Magnetism in carbon and graphene
- C4: Magnetic domain dynamics
- C5: Electric field effect on magnetic systems
- C6: Rare - earth magnetic materials
- C7: Physical properties and magnetic materials processing
- C8: Magnetic phases transitions
- C9: Magnetic recording, sensors and microwave devices
- C10: Thermo magnetic effect and materials
- C11: Magneto photonic
- C12: Magnetoresistance and spin effects
- C13: Manganites
- C14: Multiferroics and magnetic oxides
- C15: Magnetism in Biology and Medicine
- C16: Hard and soft magnetic materials
- C17: Spin glass
- C18: Spintronics
- C19: Magnetic devices