

Low Field Microwave Absorption and Novel Magnetism*

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Low field microwave absorption (LFMA) was first observed in Cuprate high-Tc Superconductors. Later LFMA was reported in half metallic manganites, then followed by some magnetic materials. The fact that LFMA is not observable in every magnetic material makes this phenomenon intriguing. Examples for LFMA in ZnO system are given, then LFMA in multiferroic BiFO₃ system is described. We then show our preliminary results from BiFe_{0.5}Mn_{0.5}O₃ system from Parma.

The remaining part of my talk is about a brief description of other activities of my group at UNISA:

1. LFMA in Iron Pnictide Superconductors and
2. Fabrication of small Josephson Junctions.

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Allegato:  [Abstract](#) [2]

Sede manifestazione: Sala A

Referente organizzatore: Dr. Davide Delmonte

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Fine data: 04/10/18

Ora data: 11:30

Collegamenti

[1] <https://www.imem.cnr.it/it/taxonomy/term/74>

[2] https://www.imem.cnr.it/sites/default/files/abstract/20181004_0.pdf