

Wednesday, September 7th

SESSION 4: Magnetism - I

Chairman: P. Allia

- 09:45 **O4-01 MAGNETIC PROPERTIES OF POLYMERIC MATRIX NANOCOMPOSITES CONTAINING MAGNETITE NANOPARTICLES**
A. Chiolerio¹, P. Allia², P. Tiberto³, M. Coïsson³, M. Sangermano², L. Suber⁴
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- 10:05 **O4-02 MAGNETIC DOMAIN WALL CONDUITS FOR SINGLE CELL APPLICATIONS.**
A.M. Torti¹, M. Donolato¹, E. Sogne¹, N. Kotesha², M. Deryabina², P. Vavassori³, M.F. Hansen², R. Bertacco¹
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- 10:25 **O4-03 MICROSTRUCTURAL AND MAGNETIC PROPERTIES OF NiMnGa/MgO EPITAXIAL THIN FILMS**
P. Ranzieri¹, S. Fabbri¹, L. Nasi¹, F. Casoli¹, L. Righi², V.A. Chernenko³, F. Albertini¹
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- 10:45 **O4-04 ULTRATHIN LA_{0.7}SR_{0.3}MNO₃ FILMS STUDIED BY SCANNING TUNNELING MICROSCOPY**
A. Gambardella, I. Bergenti, P. Graziosi, M. Prezioso, F. Borgatti, F. Biscarini, and V. A. Dediu
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