

Wednesday, September 7<sup>th</sup>

**SESSION 6: Magnetic and Electronic Devices - II**

*Chairman: F. Albertini*

**16:30 O6-01 CORRELATION BETWEEN STRUCTURAL AND GIANT MAGNETORESISTANCE PROPERTIES OF Fe-Ag NANOGRANULAR FILMS**

M. Tamisari<sup>1</sup>, F. Spizzo<sup>1</sup>, M. Sacerdoti<sup>2</sup>, G. Battaglin<sup>3</sup>, F. Ronconi<sup>1</sup>

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**16:50 O6-02 EPITAXIAL Fe/MgO/Fe TUNNELLING JUNCTIONS ON BaTiO<sub>3</sub> (001)**

G. Radaelli<sup>1</sup>, S. Brivio<sup>1</sup>, C. Rinaldi<sup>1</sup> and R. Bertacco<sup>1</sup>

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**17:10 O6-03 GERMANIUM SPIN-PHOTODIODES FOR LIGHT HELICITY DETECTION AT ROOM TEMPERATURE**

C. Rinaldi<sup>1</sup>, M. Cantoni<sup>1</sup>, D. Petti<sup>1</sup>, R. Bertacco<sup>1</sup>, N. M. Caffrey<sup>2</sup>, S. Sanvito<sup>2</sup>

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**17:30 O6-04 MAGNETIC TUNNELING JUNCTIONS FOR BEAD MAGNETORELAXOMETRY.**

D. Petti<sup>1</sup>, M. Donolato<sup>1</sup>, E. Albisetti<sup>1</sup>, E. Sogne<sup>1</sup>, B. T. Dalslet<sup>2</sup>, M. Cantoni<sup>1</sup>, J. Cao<sup>3</sup>, F. Cardoso<sup>3</sup>, S. Cardoso<sup>3</sup>, P. P. Freitas<sup>3</sup>, M. F. Hansen<sup>2</sup>, and R. Bertacco<sup>1</sup>

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