

Thursday, September 8th

SESSION 7: Electronics

Chairman: S. Valeri

- 09:20 **O7-01 TAILORING PROPERTIES OF FUNCTIONAL MATERIALS BY LITHOGRAPHICALLY ASSISTED SELF-ASSEMBLING.**
M. Cavallini, and D. Gentili
ISMN - CNR, Area Bologna, Via Gobetti 101, 40129 Bologna, Italy
- 09:40 **O7-02 DE-ALLOYING OF AN AU-BASED AMORPHOUS ALLOY.**
P. Rizzi, F. Scaglione and L. Battezzati
Dipartimento di Chimica IFM and NIS, Università di Torino, V. Giuria 7, 10125 Torino, Italy.
- 10:00 **O7-03 ORGANIC ELECTROCHEMICAL TRANSISTORS FOR MONITORING FUNCTIONALIZED MAGNETIC NANOPARTICLES.**
A. Romeo¹, G. Tarabella¹, N. Coppedè¹, R. Mosca¹ and S. Iannotta¹
¹IMEM-CNR, Parco Area delle Scienze 37/A, 43124, Parma, Italy.
- 10:20 **O7-04 DONORS IN SILICON NANOSTRUCTURES FOR QUANTUM INFORMATION PROCESSING: AN AB INITIO STUDY**
G. Petretto^{1,2}, A. Debernardi¹, A. Masse^{1,2}, and M. Fanciulli^{1,2}
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²Dipartimento di Scienza dei Materiali, Università degli studi Milano-Bicocca, 20125, Milano, Italy
- 10:40 **O7-05 BOTTOM-UP APPROACH TO OBTAIN Ge-RICH ISLANDS ON PRE-PATTERNED Si (001) SUBSTRATES USING LEPECVD TECHNIQUE**
M. Bollani¹, D. Chrastina², E. Bonera³, R. Sordan², C. Spinella⁴ and G. Nicotra⁴
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