

Tuesday, September 6th

SESSION 3: Magnetic and Electronic Devices – I

Chairman: G. Piccaluga

17:20 O3-01 CONTROLLED DEPOSITION OF NANOMAGNETS ON GRAPHENE

C. Alvino^{1,2}, A. Candini¹, A. Ghirri¹, S. D'Addato^{1,2}, and M. Affronte^{1,2}

¹ Istituto Nanoscienze - CNR S3, Modena, Italy; ² Dipartimento di Fisica, Università di Modena e Reggio Emilia, Modena, Italy

17:40 O3-02 THERMO SWITCHABLE MAGNETIC MOVERS

C. Dionigi¹, Y. Piñeiro², A. Riminucci¹, M. Bañobre², J. Rivas², V. Dediu¹

¹ ISMN - CNR, Via P. Gobetti 101, I-40129, Bologna, Italy; ² Universidad de Santiago de Compostela, Departamento de Física Aplicada, E-15706 Santiago de Compostela, Spain.

18:00 O3-03 CORRELATION BETWEEN SPIN POLARIZATION, MAGNETIC PROPERTIES AND CHEMICAL STATE IN MAGNETO-PLASMONIC HETERO-NANO-STRUCTURES.

C. de Julián Fernández¹, F. Pineider^{2,1}, D. Cozzoli³, M. Scavini⁴, P. Gallinetti⁵, G. Campo¹, C. Sangregorio^{6,1}, A. Lascialfari⁷ and P. Ghigna⁸

¹ INSTM- UdR Firenze, via della Lastruccia 3, Sesto Fiorentino, 50019, Italy; ² CNR- ISTM, Via Marzolo 1 Padova, 35131, Italy; ³ Univ. del Salento & NNL – CNR, Via per Arnesano Km 5, 73100, Lecce, Italy; ⁴ Univ. di Milano and ISTM-CNR, Via Golgi 19, Milano, 20133 Italy; ⁵ Univ. di Pavia, Via Bassi 6, Pavia, 27100, Italy; ⁶ CNR-ISTM, Via C. Golgi 19, Milano, 20133, Italy; ⁷ Univ. di Milano - INSTM, Via Trentacoste 2, 20134, Milan, Italy; ⁸ Univ. Pavia. Dipartimento di Chimica, V.le Taramelli 16, Pavia.

18:20 O3-04 TOWARDS THE CONTROL OF MAGNETISM OF Co-Phthalocyanine BY SUBSTRATE ENGINEERING

E. Annese^{1,2}, J. Fujii¹, I. Vobornik¹, G. Panaccione¹, G. Rossi^{1,2}

¹ IOM CNR, Laboratorio TASC, Area Science Park- BASOVIZZA, 34149 Trieste ² Università di Modena e Reggio Emilia, via Campi 213/A, 41100 Modena