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Nota di contenuto	Spin Injection and Transport in Magneto electronics; Committee; Preface; Table of Contents; Session 1 - Magnetic Semiconductors; Transport Properties of (Ga,Mn)As Diluted Magnetic Semiconductors in the Bulk and in Layered Systems; First-Principles Approach to Mn-Doped Group IV Semiconductors: Comparison with Experiments and Outlook ; A Magneto electric Effect in Low-Carrier Density Colossal Magneto resistance Materials; Isolated and Grouped Co Spins in Polycrystalline Zn _{1-x} Co _x O Oxides; A Contacting Technology to Magnetic Semiconductors; Transient Wigner Function Studies of DMS Barrier Devices Ferromagnetic Property of Co and Fe-Implanted ZnO Thin Film at Room Temperature Fabrication and Investigation of Hybrid Device Consisting of Ferromagnetic Nanodots and Ga(Mn)As; Session 2 - Manganites and other Enhanced Magnetoresistance and Magnetoimpedance Materials; Magnetic Tunnel Junctions; Magnetic Field Effects on Current,

Electroluminescence and Photocurrent in Alq3 Organic Light Emitting Diodes; Exchange Biasing with YMnO3 Epitaxial Films; Magnetoresistance of Post-Annealed Iron Nitride Related Thin Films Crossover Antiferro-Superparamagnetism and Related Kondo-Like Anomalies of Resistivity in Clustered Fe/Cr Multilayers Structural and Magnetotransport Properties of Coherently Strained La2/3Ca1/3MnO3 Epitaxial Thin Films; Surface Resistance of La2/3Ca1/3MnO3 Epitaxial Thin Films Grown on Top of LaAlO3; Effect of Cr Substitution on the Crystal and Magnetic Structure of (Pr0.55Ca0.45)MnO3; A Study on Spin Injection of Ferromagnetic Electrode for OLED Application; Metamagnetic Transitions and Stepwise GMR in Uniaxial Fe/Cr Superlattices
Local Structure and Dynamic Properties of Mn Substituted Manganites Studied by EXAFS and Anelastic Spectroscopy Disorder Effects on Tunneling Junctions; Keywords Index; Authors Index

Sommario/riassunto

This collection presents 19 papers. Altogether, the collection offers a wealth of up-to-date information on Spin Injection and Transport in Magnetoelectronics.
