1. Record Nr. UNINA9910739474803321

Titolo	Software engineering : International summer schools ISSSE 2009-2011, Salerno, Italy : revised tutorial lectures / / Andrea De Lucia, Filomena Ferrucci (eds.)
Pubbl/distr/stampa	Heidelberg, : Springer, 2013
ISBN	3-642-36054-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (X, 237 p. 72 illus.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 7171 LNCS sublibrary. SL 2, Programming and software engineering
Altri autori (Persone)	De LuciaAndrea FerrucciFilomena
Disciplina	005.1
Soggetti	Software engineering Computer software - Development Software architecture
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Software architectures -- Software product lines -- Model driven software engineering -- Mechatronic systems -- Aspect oriented software development -- Agile development processes -- Empirical software engineering -- Software maintenance -- Impact analysis -- Traceability management -- Software testing -- Search-based software engineering.
Sommario/riassunto	Software engineering is widely recognized as one of the most exciting, stimulating, and profitable research areas, with a significant practical impact on the software industry. Thus, training future generations of software engineering researchers and bridging the gap between academia and industry are vital to the field. The International Summer School on Software Engineering (ISSSE), which started in 2003, aims to contribute both to training future researchers and to facilitating the exchange of knowledge between academia and industry. This volume consists of chapters originating from a number of tutorial lectures given in 2009, 2010, and 2011 at the International Summer School on Software Engineering, ISSSE, held in Salerno, Italy. The volume has been organized into three parts, focusing on software measurement and

	empirical software engineering, software analysis, and software management. The topics covered include software architectures, software product lines, model driven software engineering, mechatronic systems, aspect oriented software development, agile development processes, empirical software engineering, software maintenance, impact analysis, traceability management, software testing, and search-based software engineering.

2.

Record Nr.	UNINA9910349517903321
Titolo	Nanocomposites, Nanostructures, and Their Applications : Selected Proceedings of the 6th International Conference Nanotechnology and Nanomaterials (NANO2018), August 27-30, 2018, Kyiv, Ukraine / / edited by Olena Fesenko, Leonid Yatsenko
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-17759-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xxi, 610 pages) : illustrations
Collana	Springer Proceedings in Physics, , 1867-4941 ; ; 221
Disciplina	620.5
Soggetti	Nanoscience Nanotechnology Microtechnology Microelectromechanical systems Lasers Nanophysics Microsystems and MEMS Laser
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	PartI: Nanocomposites and Nanostructures -- Chapter1: A Microscopic Description of Spin Dynamics in Magnetic Multilayer Nanostructures -- Chapter2: Development of the nano mineral phases at the steel-bentonite interface in time of the evolution of geological repository for

radioactive waste -- Chapter3: Development of a controlled in-situ process for the formation of porous anodic alumina and Al nanomesh from thin aluminum films -- Chapter4: Electrooxidation of ethanol on nickel-copper multilayer metal hydroxide electrode -- Chapter5: Metal surface engineering based on formation of nanoscaled phase protective layers -- Chapter6: Electrical Conductivity and 7Li NMR Spin-Lattice Relaxation in Amorphous, Nano- and Microcrystalline Li2O-7GeO2 -- Chapter7: Influence of surface ultrafine grain structure on cavitation erosion damage resistance -- Chapter8: The effect of mechanochemical and ultrasonic treatments on the properties of composition CeO2-MoO3=1:1 -- Chapter9: Behavior oftempered surface nanocrystalline structures obtained by mechanical-pulse treatment -- Chapter10: Nano-sized Adsorbate Islands Formation in Adsorptive Anisotropic Multi-layer Systems -- Chapter11: The effect of ultrasonic treatment on the physic-chemical properties of ZnO/MoO3 system -- Chapter12: Hybrid nanocomposites synthesized into stimuli responsible polymer matrices: synthesis and applications prospects -- chapter13: Preparation and complex study of thick films based on nanostructured Cu0.1Ni0.8Co0.2Mn1.9O4 and Cu0.8Ni0.1Co0.2Mn1.9O4 ceramics -- Chapter14: Nanoscale investigation of porous structure in adsorption-desorption cycles in the MgO-Al2O3 ceramics -- Chapter15: Structure, morphology and spectroscopy studies of La1-xRExVO4 nanoparticles synthesized by various methods -- Chapter16: Investigation the conditions of synthesis of alumonickel spinel -- Chapter17: IV-VIB groups metals borides and carbides nanopowders corrosion resistance in nickeling electrolytes -- Chapter18: Hydrodynamic and Thermodynamic Conditions for Obtaining a Nanoporous Structure of Ammonium Nitrate Granules in Vortex Granulators -- Chapter19: Nanostructured mixed oxide coatings on silumin incorporated by cobalt -- Chapter20: Effect of carbon nanofillers on processes of structural relaxation in the polymer matrixes -- chapter21: Simulation of tunneling conductivity and controlled percolation in 3D nanotube-insulator composite system -- Chapter22: Radiation-stimulated formation of polyene structures in polyethylene nanocomposites with multi-walled carbon nanotubes -- Chapter23: Theoretical analysis of metal salt crystallization process on the thermoexfoliated and disperse graphite -- Chapter24: Modeling of dielectric permittivity of polymer composites with mixed fillers -- Chapter25: Nanostructural effects in Iron-oxide-silicate materials of Earth crust -- Chapter26: Two-dimensional ordered crystal structure formed by chain molecules in the pores of solid matrix -- Chapter27: Joint Electroreduction of Carbonate and Tungstate Ions as the Base for Tungsten Carbide Nanopowders Synthesis in Ionic Melts -- Chapter28: The kinetics peculiarities and the electrolysis regime effect on the morphology and phase composition of Fe-Co-W(Mo) coatings -- Chapter29: Dispersing of Molybdenum Nanofilms at the Non-metallic Materials as a Result of Their Annealing in Vacuum -- PartII: Applications -- Chapter30: Effective Hamiltonians for magnetic ordering within periodic Anderson-Hubbard model for quantum dot array -- Chapter31: PET Ion-Track Membranes: Formation Features and Basic Applications -- Chapter32: Impact of carbon nanotubes on HDL–like structures – computer simulations -- Chapter33: Approximation of a simple rectangular lattice for a conduction electron in grapheme -- Chapter34: Simulation of the formation of a surface nanocrater under the action of high-power pulsed radiation -- Chapter35: Ballistic transmission of the Dirac quasielectrons through the barrier in the 3D tpological insulators -- Chapter36: The Perspective Synthesis Methods and Research of Nickel Ferrites -- Chapter37: Electron iradiation of

carbon nanotubes -- Chapter38: Influence of Irradiation with Deuterium Ions on the Magnetic Properties and Structure of Nickel -- Chapter39: Formation of VI-B group metals silicides from molten salts -- Chapter40: The structure of reinforced layers of the Complex Method -- Chapter41: Technology and the Main Technological Equipment of the Process to Obtain N4HNO3 with Nanoporous Structure -- Chapter42: Study of Structural Changes in a Nickel Oxide Containing Anode Material during Reduction and Oxidation at 600°C. .

Sommario/riassunto

This book highlights some of the latest advances in nanotechnology and nanomaterials from leading researchers in Ukraine, Europe, and beyond. It features contributions from participants in the 6th International Science and Practice Conference Nanotechnology and Nanomaterials (NANO2018) in Kiev, Ukraine on August 27-30, 2018 organized by the Institute of Physics of the National Academy of Sciences of Ukraine, University of Tartu (Estonia), University of Turin (Italy), and Pierre and Marie Curie University (France). Internationally recognized experts from a wide range of universities and research institutions share their knowledge and key results on material properties, behavior, and synthesis. This book's companion volume also addresses topics such as nanooptics, energy storage, and biomedical applications.