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Titolo	Context-Aware Systems and Applications : Second International Conference, ICCASA 2013, Phu Quoc Island, Vietnam, November 25-26, 2013, Revised Selected Papers // edited by Phan Cong Vinh, Vangalur Alagar, Emil Vassev, Ashish Khare
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Nota di contenuto	Context-Aware Systems and Applications -- A Temporal Description Logic for Resource-bounded Rule-based Context-aware Agents -- A Trust Propagation Model for New-coming in Multi-agent System -- Modelling Circulation Behaviour of Vietnamese: Applying for Simulation of Hanoi Traffic Network -- Storing and Managing Context and Context History -- Drought Monitoring: A Performance Investigation of Three Machine Learning Techniques -- A Context-Aware Model for the Management of Agent Platforms in Dynamic Networks -- Building Consensus in Context-Aware Systems using Ben-Or's Algorithm: Some Proposals for Improving the Convergence Speed -- Power-aware routing for underwater wireless sensor network -- Fuzzy Logic Control

for SFB Active Queue Management Mechanism -- Formal Modeling and Verification of Context-Aware Systems using Event-B -- A method of Context-based Services Discovery in Ubiquitous Environment -- Towards an Adaptive Visualization System in Context-Aware Environments -- Human Sensing for Tabletop Entertainment System -- Adaptive Sustainable Enterprises: A Framework, Architecture and Implementation -- A Stability-aware Approach to Continuous Self-adaptation of Data-intensive Systems.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the Second International Conference on Context-Aware Systems and Applications, ICCASA 2013, held in Phu Quoc Island, Vietnam in November 2013. The 36 revised full papers presented were carefully selected and reviewed from over 100 submissions and cover a wide spectrum of issues in the area of context-aware systems (CAS) and context-based recommendation systems.

2. Record Nr.

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Titolo

Nanomaterials Imaging Techniques, Surface Studies, and Applications : Selected Proceedings of the FP7 International Summer School Nanotechnology: From Fundamental Research to Innovations, August 26-September 2, 2012, Bukovel, Ukraine / / edited by Olena Fesenko, Leonid Yatsenko, Mikhaylo Brodin

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Soggetti

Nanoscience
Nanotechnology
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Microelectromechanical systems
Surfaces (Technology)
Thin films
Spectrum analysis
Nuclear chemistry
Nanophysics
Microsystems and MEMS
Surfaces, Interfaces and Thin Film

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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>Preface -- Part I: Imaging Techniques – Microscopy, Spectroscopy and Lasers -- 1: Nano-Bio Architectures: Combining Chemistry and Biology in Nanotechnology -- 2: Comparative Analysis of the IR Signal Enhancement of Biomolecules Adsorbed on Graphene and Graphene Oxide Nanosheets -- 3: Infrared Spectroscopy in Studying Biofunctionalised Gold Nanoparticles -- 4: Formation of Nanoparticle Chains Within Liquid Crystal Defect Arrays -- 5: Carbon Nanotubes Deagglomeration in Aqueous Solutions -- 6: Graphene-like autointercalated Niobium Diselenide nanoparticles: new possibility of 2D nanomaterials design -- 7: Optical Manifold of Spatial Localization of Dyes Molecules Self-Organized in the Body of Silica Thin Films -- 8: Nonlinear Optical Properties of New Nanocomposites: Metal Alkanoate Glasses with Semiconductor Quantum Dots -- 9: Surface plasmon retardation in graphene bilayer -- Part II: Interface Studies and Techniques -- 10: Goniometric setup for plasmonic measurements and characterization of optical coatings -- 11: Effects of Surface and Interface In Oxide Nanoparticle System -- 12: Surface sites of nanomaterials: investigation of local structures by in-situ IR spectroscopy -- 13: Method to produce suspensions using encapsulated nanopowders of 3-d metals as precursors -- 14: Metal Nanostructures and Active Materials by Thomas A. Klar -- Part III: Nanocomposites and Applications of Nanotechnologies -- 15: Hopping Model of Charge-Carrier Transport in Organic Nanoparticle Systems -- 16: Graingrowth kinetics during microwave sintering of the nanocrystalline titanium nitride -- 17: Luminescent imaging of biological molecules and cells on the photonic crystal surface -- 18: Peculiarities of Liquid Crystal – Carbon Nanotube Dispersions Doped with a Minute Amount of Nanoparticles of Synthetic Clay -- 19: Comparison of Poly(rl) and Poly(rA) adsorption on carbon nanotubes -- 20: Non-covalent immobilization of oligonucleotides on single-walled carbon nanotubes -- 21: Sol-gel organic-inorganic hybrid materials containing lanthanide complexes with polydentate acyclic and cyclic ligands: synthesis and spectral-luminescent properties -- 22: Study of nanocomposites of amino acids and organic polyethers by means of mass spectrometry and molecular dynamics simulation -- 23: Application of baculovirus technology for studies of G protein-coupled receptor signaling -- 24: Interplay of quadratic and cubic nonlinear optical responses in KDP single crystals with incorporated TiO₂ nanoparticles.- Index.</p>
Sommario/riassunto	<p>This book presents cutting-edge research on a wide range of nanotechnology techniques and applications. It features contributions from scientists who participated in the International Summer School “Nanotechnology: From Fundamental Research to Innovations” in Bukovel, Ukraine on August 26 – September 2, 2012 funded by the European Commission FP7 project Nanotwinning implemented by the Institute of Physics of National Academy of Sciences of Ukraine and</p>

partner institutions: University of Tartu (Estonia), European Profiles A.E. (Greece), University of Turin (Italy) and Université Pierre et Marie Curie (France). Worldwide experts present the latest results on such key topics as microscopy of nanostructures; nanocomposites; nanostructured interfaces and surfaces; nanooptics; nanoplasmonics; and enhanced vibrational spectroscopy. Imaging technique coverage ranges from atomic force microscopy and spectroscopy, multiphoton imagery, and laser diagnostics of nanomaterials and nanostructures, to resonance Raman and SERS for surface characterization, and scanning tunneling microscopy of organic molecules. The breadth of topics highlights the exciting variety of research currently being undertaken in this field and suggests exciting opportunities for interdisciplinary collaboration and future research. Presents microscopy, spectroscopy and laser imaging techniques for nanomaterials and nanocomposites. Covers state-of-the-art advances in areas such as nano-bio architectures, metal nanostructures and active materials, and chemical preparation of graphene. Represents essential reading for advanced undergraduate and graduate students through practicing university and industry researchers.
