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KEY=FOR - SNYDER BRODY

EUROSPI 2004

Springer Science & Business Media This book constitutes the refereed proceeding of the 11th European Software Process Improvement Conference, EuroSPI 2004, held in Trondheim, Norway in November 2004. The 18 revised full papers presented were carefully reviewed and selected from 31 submissions. The papers are organized in topical sections on agile methods and global software development, software process improvement techniques, studies of software process improvement, knowledge management, and effort estimation.

GENERAL EDUCATION AND THE DEVELOPMENT OF GLOBAL CITIZENSHIP IN HONG KONG, TAIWAN AND MAINLAND CHINA

NOT MERELY ICING ON THE CAKE

Routledge General Education has taken center stage in the greater China area (Hong Kong, Taiwan and mainland China) because of a number of important developments. First, globalization has created both opportunities and challenges for college students. When they graduate and enter the real world, they must have the cultural sensitivities and social skills, in addition to their professional training, to compete in a knowledge-based global economy. Equally significant for institutions of higher education, pressing global problems challenge traditional disciplines and demand new forms of learning that reshapes the boundaries of knowledge. In response to those rapidly changing dynamics, general education has taken an increasingly important role in undergraduate education. As the first English publication on the subject, this anthology brings together a distinguished group of General Education scholars and teachers from Hong Kong, Taiwan and mainland China.

BUILDING (IN) THE FUTURE

RECASTING LABOR IN ARCHITECTURE

Chronicle Books There is no denying the transformational role of the computer in the evolution of contemporary architectural practice. But does this techno-determinist account tell the whole story? Are humans becoming irrelevant to the overall development of the built environment? Bulding (in) the Future confronts these important questions by examining the fundamental human relationships that characterize contemporary design and construction. Thirty-four contributors including designers, engineers, fabricators, contractors, construction managers, planners, and scholars examine how contemporary practices of production are reshaping the design/construction process

OPERATIONS REPORT - AGENCY FOR INTERNATIONAL DEVELOPMENT

HIGHER EDUCATION AND THE CREATIVE ECONOMY

BEYOND THE CAMPUS

Routledge Since the DCMS Creative Industries Mapping Document highlighted the key role played by creative activities in the UK economy and society, the creative industries agenda has expanded across Europe and internationally. They have the support of local authorities, regional development agencies, research councils, arts and cultural agencies and other sector organisations. Within this framework, higher education institutions have also engaged in the creative agenda, but have struggled to define their role in this growing sphere of activities. Higher Education and the Creative Economy critically engages with the complex interconnections between higher education, geography, cultural policy and the creative economy. This book is organised into four sections which articulate the range of dynamics that can emerge between higher education and the creative economy: partnership and collaboration across Higher Education institutions and the creative and cultural industries; the development of creative human capital; connections between

arts schools and local art scenes; and links with broader policy directions and work. While it has a strong UK component, it also includes international perspectives, specifically from Australia, Singapore, Europe and the USA. This authoritative collection challenges the boundaries of creative and cultural industry development by bringing together international experts from a range of subject areas, presenting researchers with a unique multidisciplinary approach to the topic. This edited collection will be of interest to researchers and policy makers working in the area of creative and cultural industries development.

TRANSLATION AND LOCALIZATION PROJECT MANAGEMENT

THE ART OF THE POSSIBLE

John Benjamins Publishing Over the past three decades, translation has evolved from a profession practiced largely by individuals to a cottage industry model and finally to a formally recognized industrial sector that is project-based, heavily outsourced and that encompasses a wide range of services in addition to translation. As projects have grown in size, scope and complexity, and as project teams have become increasingly distributed across geographies, time zones, languages and cultures, formalized project management has emerged as both a business requirement and a critical success factor for language service providers. In recognition of these developments, this volume examines the application of project management concepts, tools and techniques to translation and localization projects. The contributors are seasoned practitioners and scholars who offer insights into the central role of project management in the language industry today and discuss best-practice approaches to the adaptation of generic project management knowledge, skills, tools and techniques for translation and localization projects.

SCIENCE & ENGINEERING INDICATORS

ENERGY AND WATER DEVELOPMENT APPROPRIATIONS FOR 2004

HEARINGS BEFORE A SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES, ONE HUNDRED EIGHTH CONGRESS, FIRST SESSION

FROM THE GLOBAL TO THE LOCAL

HOW INTERNATIONAL RIGHTS REACH BANGLADESH'S CHILDREN

Routledge From the Global to the Local develops a unique perspective on human rights governance in developing countries, where the state often lacks the required resources, capacities and expertise for implementing rights. Considering how rights that have been agreed upon in the global arena of world politics are locally implemented, this book then specifically explores how they reach the local children of Bangladesh's urban slums and poor rural areas. Andrea Schapper combines an analytical framework grounded in international relations scholarship on global governance with empirical field research methods that have their basis in sociology and anthropology. Utilising this methodology, the book examines three principles that represent a global consensus on children's rights (the protection of children from the worst forms of child labor, providing them with primary education, and delivering basic health care services to them) to illuminating the need for local and contextual solutions to transnational issues. Exploring such concerns with vigor, this book fills a gap in the study of human rights implementation and protection and will thus be of immense interest to students of Law, of International Relations and of Development Studies.

ENERGY AND WATER DEVELOPMENT APPROPRIATIONS FOR 2004: TESTIMONY OF MEMBERS OF CONGRESS AND OTHER INTERESTED INDIVIDUALS AND ORGANIZATIONS

CHALLENGES OF AFRICAN TRANSFORMATION

EXPLORING THROUGH INNOVATION APPROACH

African Books Collective A brief overview of the African economic picture reveals a paradox where the continent that has rich mineral resources, nearly a billion people and a land mass which includes the sizes of China, USA, India, Western Europe, Argentina together larger than the sum of these regions is in an unacceptable state of being an object of aid, debt and loans despite the vast resources both known and yet to be explored. Africa should have been a productive and innovation centre and not a charity and aid centre of the world where 'donorship' has replaced African national ownership' of not just Africa's resources, but even worse, Africa's own agency, autonomy and independence to shape policy and direction; to undertake African integrated national development by establishing a science, engineering and technology based knowledge, innovative, learning and competent economy. The chapters in this volume address the application of the innovation approach to a variety of problems in Africa. Together they highlight the critical importance of the innovation systems approach in each of the issues the authors preferred to select and analyse. In the African context, the application of innovation goes beyond firms to the informal activities at grassroots level. The boundaries and the range of actors and activities for innovation application are varied and not limited. This variation is represented in this volume by the diverse issues that the authors dealt with in their research by applying as common the use and application of innovation.

ADVANCES IN SEMANTIC MEDIA ADAPTATION AND PERSONALIZATION

CRC Press The emergence of content- and context-aware search engines, which not only personalize searching and delivery but also the content, has caused the emergence of new infrastructures capable of end-to-end ubiquitous transmission of personalized multimedia content to any device on any network at any time. Personalizing and adapting content requires processing of content and recognizing patterns in users' behaviour on the other. Personalizing and adapting the semantic content of multimedia enables applications to make just-in-time intelligent decisions regarding this content, which in turn makes interaction with the multimedia content an individual and individually rewarding experience. Highlighting the changing nature of the field, *Advances in Semantic Media Adaptation and Personalization, Volume Two* discusses the state of the art, recent advances, and future outlooks for semantic media adaptation and personalization. Topics include: Collaborative Content Modeling Automatic Content Feature Extraction to Content Models Semantic Languages for Content Description Video Content Adaptation Adaptive Video Content Retrieval Content Similarity Detection Personalized Content Podcasting Adaptive Web Interaction As content and service providers recognize the value of new services and new markets, they will invest in technologies that adapt and personalize content. Industry, in response, has released new standards such as MPEG-7, MPEG21, and VC-1 that enable propagation of semantic media, adaptation, and personalization. Consequently, a broad range of applications are emerging across many industry sectors, such as music, film, games, television, and sports. Bringing together insight from researchers and practitioners, this book provides a sampling of the latest thinking in the field.

OPEN INNOVATION IN FIRMS AND PUBLIC ADMINISTRATIONS: TECHNOLOGIES FOR VALUE CREATION

TECHNOLOGIES FOR VALUE CREATION

IGI Global Economic globalization and the application of information and communication technologies have offered firms the opportunity to develop and distribute new knowledge. *Open Innovation in Firms and Public Administrations: Technologies for Value Creation* analyzes open innovation in a global context and proposes business models and institutional actors that promote the development of open innovation in firms, institutions, and public administrations worldwide. This book provides insights and supports executives concerned with the management of open innovation and organizational development in different types of open innovation communities and environments.

ELECTROMAGNETIC BOUNDARY PROBLEMS

CRC Press *Electromagnetic Boundary Problems* introduces the formulation and solution of Maxwell's equations describing electromagnetism. Based on a one-semester graduate-level course taught by the authors, the text covers material parameters, equivalence principles, field and source (stream) potentials, and uniqueness, as well as: Provides analytical solutions of waves in regions with planar, cylindrical, spherical, and wedge boundaries Explores the formulation of integral equations and their analytical solutions in some simple cases Discusses approximation techniques for problems without exact analytical solutions Presents a general proof that no classical electromagnetic field can travel faster than the speed of light Features end-of-chapter problems that increase comprehension of key concepts and fuel additional research *Electromagnetic Boundary Problems* uses generalized functions consistently to treat problems that would otherwise be more difficult, such as jump conditions, motion of wavefronts, and reflection from a moving conductor. The book offers valuable insight into how and why various formulation and solution methods do and do not work.

RECOVERING FROM SUCCESS

INNOVATION AND TECHNOLOGY MANAGEMENT IN JAPAN

Oxford University Press This title includes the following features: Identifies the source of the competitive problems Japan has been experiencing in the high-tech arena; Examines how Japan has responded to these problems and assesses its current standing; Considers the role of the Management of Technology (MOT) movement; Contributions from expert Japanese and Western academics and practitioners researching and working in this area; The editors provide a context-setting introduction, and thought-provoking concluding chapter

TECHNOLOGY TRANSFER FROM UNIVERSITY TO INDUSTRY

Adonis & Abbey Publishers Ltd *Technology Transfer from University to Industry* provides a cogent analysis of university technology transfer in the Chinese National Innovation System (NIS). The book outlines the NIS approach, analyses the building-up of the Chinese NIS and discusses the role orientation of university in the NIS. It also discusses three institutional innovations - the Chinese version 'Bayh-Dole Act', university technology transfer offices and university incubators - in order to show how universities transfer technology to industry in the Chinese NIS. Additionally, it makes a cross-nation comparison of university incubators in China and in France. The book underlines the importance of university in improving weak absorptive and innovative capabilities of domestic firms and provides both practical and theoretical insights to policy makers and practitioners. The book will be a very valuable reference to university students and lecturers as well as to governments and firms who are interested in university technology transfer and the Chinese NIS.

CLASS, CONTENTION, AND A WORLD IN MOTION

Berghahn Books "The authors challenge currently dominant approaches to migration, and offer important ways to move

between the individual experience and the structure of the world system."---Alan Smart, University of Calgary --

THE PSYCHOLOGY AND MANAGEMENT OF PROJECT TEAMS

Oxford University Press, USA Even though project-management researchers have become increasingly interested in factors that may have an impact on project-management effectiveness, their efforts fall short of addressing the "human factor." And, unfortunately, many project-management scholars are largely unaware of the I/O psychology literature--relying, for example, on outdated models of motivation and team development. On the other side, I/O psychologists who research groups and teams often ignore the contextual influences--such as business sector, project type, placement in the organizational hierarchy, and project phase and maturity--that have a crucial impact on how a project will unfold. In this volume, a cross-disciplinary set of editors will bring together perspectives from leading I/O psychology and project-management scholars.

INTERNATIONAL HANDBOOK ON MEGA-PROJECTS

Edward Elgar Publishing Providing crucial background information for those who want to understand decision-making processes on large transport infrastructure projects, this fascinating Handbook will prove an important source of information for academics, researchers and students

COLLABORATIVE RELATIONSHIPS IN CONSTRUCTION

DEVELOPING FRAMEWORKS AND NETWORKS

John Wiley & Sons The book collects the latest research on both contractual and conceptual collaborative practices in construction. It identifies common problems faced by the industry and draws out practical implications. Construction projects are increasingly run in ways that undermine the traditional boundary of the firm and sometimes also the definition of the project coalition. This poses challenges for construction firms whose clients demand ever increasing performance improvements as well as those firms who want to improve their strategies for greater collaboration to give themselves competitive advantage. The editors identify three main themes: collaborative relationships, operating both in frameworks and within networks of contacts, e.g. relational contracting in partnering, supply chain management and other procurement-driven initiatives. The second theme is frameworks, both contractual frameworks binding parties together over a series of contracts, and conceptual frameworks used to develop future performance improvement arising from the proactive strategies of firms. The third theme is the network of relationships that supports individuals and firms within the project coalition in delivering services and adding value to improve performance. These networks define the investment and incentives supporting the inter-firm and intra-firm relationships, as well as the formal contractual conditions through which such incentives flow. Networks of information exchange define the structure of the activity and help predict organisational configurations for successful project outcomes.

RENEWING THE PHYSICAL INFRASTRUCTURE OF ENGLISH FURTHER EDUCATION COLLEGES

FORTY-EIGHTH REPORT OF SESSION 2008-09, REPORT, TOGETHER WITH FORMAL MINUTES, ORAL AND WRITTEN EVIDENCE

The Stationery Office In 2001, the newly established Learning and Skills Council (the Council) took over a programme of capital works in the further education sector, to renew an estate that was too large, with much of it in poor condition and no longer fit for modern educational purposes. By March 2008, a total of £4.2 billion of projects had been approved 'in detail', including grant support from the Council of £1.7 billion, and about half of the estate had been renewed. Since April 2008, there has been a very serious failure in the management of the programme. It approved 'in principle' 79 colleges' projects, which required nearly £2.7 billion of Council funding more than it could afford. Before the current problems arose, the programme had achieved some successes, enabling the estate to be reduced in size, and the buildings are generally of good quality and are contributing to increased learner participation. The economic downturn could affect colleges' ability to fund projects by restricting their access to loan finance or their ability to sell surplus assets. The indebtedness of the sector is rising. The Council needs to monitor closely the financial health of some colleges, particularly those that have borrowings that exceed 40 per cent of their annual income. In 2010, the Council is expected to be dissolved and its functions taken over by the Skills Funding Agency and the Young People's Learning Agency. There needs to be clarity about responsibilities for the capital programme, and additional administrative burdens on colleges must be avoided.

NPD IN INDIGENOUS CHINESE COMPANIES AND ITS DEPLOYMENT WITHIN THE CHINESE ECONOMY

Universal-Publishers The thesis aims to examine and explore NPD activities within China and establish whether a Western interpretation of NPD is appropriate to indigenous Chinese companies, engaged in an economy which is entering an era of globalisation. The research is based on ten case studies undertaken within five industrial sectors: lighting (light fabrication), watches (personal consumer products), white goods, automotive and telecommunications. Cases are representative of the differing types of Chinese organisations, and include examples of privately, collectively and state owned enterprises (POEs, COEs and SOEs), together with international joint ventures (IJVs). Conceptual approaches are developed to examine organisational background, NPD culture, technology transfer, NPD coordination, entrepreneurial behaviour, network development and market dynamics within each case study. The units of analysis in the framework reflect three main themes of intra, extra-organisational and strategic issues which are revisited throughout the thesis.

The case studies are analysed using a mapping process in which each of the cases is described in terms of its engagement with NPD roles and performance and their correlation with economic development, compared with Western practice. Contingent on this, the thesis identifies a series of assumptions within Western literature, which are evaluated by assessing the case study findings, to establish the transferability of NPD conceptions. In addition, correlations between differing NPD related issues are identified using repertory grid theory detailed in a separate appendix and complementary to the case study analysis. The thesis concludes by proposing models of strategic NPD specific to Chinese organisations, at both intra-organisational, and micro and macro-economic levels; these provide an overview of distinctive NPD performance in indigenous companies, contextualised within the Chinese economy. The implication is that the future development of the Chinese economy will necessitate greater engagement with NPD, albeit in a differing form.

FULL SPEED AHEAD

MAINTAINING UK EXCELLENCE IN MOTORSPORT AND AEROSPACE, SIXTH REPORT OF SESSION 2009-10, REPORT, TOGETHER WITH FORMAL MINUTES, ORAL AND WRITTEN EVIDENCE

The Stationery Office Motorsport and aerospace are two industries in which the United Kingdom is a world leader and the Committee believes that the future success of the UK economy will be based on these types of industries. Concerns regarding the aerospace included the current US complaint in the World Trade organisation and the Government's right to support the industry through Repayable Launch Investment; and that the UK aerospace sector has access to export trade credit at less favourable rates and through a more complex system than other countries. In examining the motorsport industry the Committee felt that there was a lack of understanding and effective engagement by Government. They are not content with the Government's current plans to take forward its work with the sector through the UK Automotive Council. Instead they recommend that the Government establish a dedicated motorsport policy team within the Department for Business, Innovation and Skills. Small and medium-sized enterprises also play a very important role in supporting both sectors but they have been hit worst by the recession and the Government needs to do more to encourage high performance engineering firms to diversify. Both sectors require a highly skilled workforce and more needs to be done to align the education system with the skills needs of the industries. Finally is the problem of the 'non-green' image that both industries have.

REDUCING CONSTRUCTION COSTS

USES OF BEST DISPUTE RESOLUTION PRACTICES BY PROJECT OWNERS: PROCEEDINGS REPORT

National Academies Press The National Academy of Construction (NAC) has determined that disputes, and their accompanying inefficiencies and costs, constitute a significant problem for the industry. In 2002, the NAC assessed the industry's progress in attacking this problem and determined that although the tools, techniques, and processes for preventing and efficiently resolving disputes are already in place, they are not being widely used. In 2003, the NAC helped to persuade the Center for Construction Industry Studies (CCIS) at the University of Texas and the Alfred P. Sloan Foundation to finance and conduct empirical research to develop accurate information about the relative transaction costs of various forms of dispute resolution. In 2004 the NAC teamed with the Federal Facilities Council (FFC) of the National Research Council to sponsor the "Government/Industry Forum on Reducing Construction Costs: Uses of Best Dispute Resolution Practices by Project Owners." The forum was held on September 23, 2004, at the National Academy of Sciences in Washington, D.C. Speakers and panelists at the forum addressed several topics. Reducing Construction Costs addresses topics such as the root causes of disputes and the impact of disputes on project costs and the economics of the construction industry. A second topic addressed was dispute resolution tools and techniques for preventing, managing, and resolving construction-related disputes. This report documents examples of successful uses of dispute resolution tools and techniques on some high-profile projects, and also provides ways to encourage greater use of dispute resolution tools throughout the industry. This report addresses steps that owners of construction projects (who have the greatest ability to influence how their projects are conducted) should take in order to make their projects more successful.

CARBON DIOXIDE CAPTURE AND STORAGE

SPECIAL REPORT OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

Cambridge University Press IPCC Report on sources, capture, transport, and storage of CO₂, for researchers, policy-makers and engineers.

THE FRONT-END OF LARGE PUBLIC PROJECTS

PARADOXES AND WAYS AHEAD

Taylor & Francis Large public projects represent major complex investment and whilst there has been much written about how to develop, manage and deliver such projects, practice still does not match up with expectations. In this book, researchers from the Norwegian Concept Research Programme explore the paradoxes between theory and practice in collaboration with experts in the field of project governance. This book delves into the reality of large public projects, to show how they can be managing effectively and efficiently, recognising the realities of their context. It offers a range of practical conclusions as to the paradoxes of the governance and management of public projects. The

international spectrum of authors draw their examples from the UK, Norway, Canada, France, Australia and the Netherlands. Bridging the gap between research, theory and practice, this book will benefit academics and researchers in the field of project management and corporate governance as well as those in the practice of public project governance, civil servants and industry practitioners.

SOFTWARE ARCHITECTURE

FIRST EUROPEAN WORKSHOP, EWSA 2004, ST ANDREWS, UK, MAY 21-22, 2004, PROCEEDINGS

Springer Science & Business Media This book constitutes the refereed proceedings of the First European Workshop on Software Architecture, EWSA 2004, held in St Andrews, Scotland, UK in May 2004 in conjunction with ICSE 2004. The 9 revised full research papers, 4 revised full experience papers, and 6 revised position papers presented together with 5 invited presentations on ongoing European projects on software architectures were carefully reviewed and selected from 48 submissions. All current aspects of software architectures are addressed ranging from foundational and methodological issues to application issues of practical relevance.

IRRIGATION AND WATER POLICIES IN THE MEKONG REGION

CURRENT DISCOURSES AND PRACTICES

IWMI This report documents current irrigation and water policies in the Mekong countries. It successively reviews planning issues, water policies and legal frameworks, the setting up of water policy "apex bodies," participatory policies, and IWRM/river basin management.

INNOVATION, PATH DEPENDENCY, AND POLICY

THE NORWEGIAN CASE

Oxford University Press The concept of National Innovation Systems is well established in academic research and enthusiastically adopted by policymakers. Yet there are relatively few in-depth studies of individual national innovation systems. This book provides just that, a model for the application of the concept to an individual economy. Leading scholars provide a detailed analysis of the particular circumstances of Norway - a high income, high productivity, resource rich economy, with relatively modest investment in R&D, and a remarkable track record of social equity. The authors argue that investment in human capital may be more significant than any formula for R&D investment. The book includes contributions from historians, economists, and political scientists, and offers an unparalleled account of the development of one of the world's most successful economies. It will be essential reading for academics and policymakers concerned with innovation and growth.

DECISIONS AND ORDERS OF THE NATIONAL LABOR RELATIONS BOARD, VOLUME 357, JUNE 29, 2011 THROUGH JANUARY 3, 2012

Government Printing Office Each volume of this series contains all the important Decisions and Orders issued by the National Labor Relations Board during a specified time period. The entries for each case list the decision, order, statement of the case, findings of fact, conclusions of law, and remedy.

DEPARTMENTS OF LABOR, HEALTH AND HUMAN SERVICES, EDUCATION, AND RELATED AGENCIES APPROPRIATIONS FOR 2008

HEARINGS BEFORE A SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES, ONE HUNDRED TENTH CONGRESS, FIRST SESSION

WHITE PAPER ON SCIENCE AND TECHNOLOGY

SME MINERAL PROCESSING AND EXTRACTIVE METALLURGY HANDBOOK

Society for Mining, Metallurgy & Exploration This landmark publication distills the body of knowledge that characterizes mineral processing and extractive metallurgy as disciplinary fields. It will inspire and inform current and future generations of minerals and metallurgy professionals. Mineral processing and extractive metallurgy are atypical disciplines, requiring a combination of knowledge, experience, and art. Investing in this trove of valuable information is a must for all those involved in the industry—students, engineers, mill managers, and operators. More than 192 internationally recognized experts have contributed to the handbook's 128 thought-provoking chapters that examine nearly every aspect of mineral processing and extractive metallurgy. This inclusive reference addresses the magnitude of traditional industry topics and also addresses the new technologies and important cultural and social issues that are important today. Contents Mineral Characterization and Analysis Management and Reporting Comminution Classification and Washing Transport and Storage Physical Separations Flotation Solid and Liquid Separation Disposal Hydrometallurgy Pyrometallurgy Processing of Selected Metals, Minerals, and Materials

BRITISH LIBRARIANSHIP AND INFORMATION WORK 2001-2005

Ashgate Publishing, Ltd. This important reference volume covers developments in all aspects of British library and information work during the five year period 2001-2005. The book provides a comprehensive record of library and

information management during the past five years and will be essential reading for all scholars, library professionals and students.

MIND TO MARKET

A GLOBAL ANALYSIS OF UNIVERSITY BIOTECHNOLOGY TRANSFER AND COMMERCIALIZATION

THE UNIVERSITY UNDER PRESSURE

Emerald Group Publishing Universities are under pressure. Their resource environment is evolving, demands for accountability have increased and demographic shifts are changing higher educational needs. This volume provides a cross-national picture of how the university as an organization is reacting to, adapting to, and threatened by a period of intense pressure.

ADVANCED APPLICATIONS OF MICRO AND NANO CLAY II

SYNTHETIC POLYMER COMPOSITES

Materials Research Forum LLC The book focuses on clay-based micro and nanocomposites with different synthetic polymers and presents their synthesis, characterization and testing. The fields of application of these materials include food packaging, rheological control agents, wastewater treatment, biomedical applications and drug delivery. **Keywords:** Synthetic Polymer Composites, Nanoclay-based Polymer Nanocomposites, Hectorite, Nontronite-Starch, Reinforcement of Thermoplastics, Polyethylene, Polypropylene, Sonochemical Synthesis, Drug Delivery, Electromagnetic Interference Shielding, Flame Retardancy, Water Treatment.

ADVANCED APPLICATIONS OF MICRO AND NANO CLAY

BIOPOLYMER-BASED COMPOSITES

Materials Research Forum LLC Due to their characteristic properties, biodegradable nature and non-toxicity, clay-biopolymer based composites have many applications in such advanced fields as drug release, antimicrobial activities, wound healing, tissue engineering, wastewater treatment, food packaging and flame retardant materials. The book reviews fabrication, properties and applications of a great variety of these materials. **Keywords:** Clay-Polymer Composites, Nano Clay, Polysaccharide, Fibrous Clays, Halloysite-Chitosan, Montmorillonite-Chitosan, Kaolinite-Chitosan, Vermiculite Starch, Halloysite-Starch, Montmorillonite-Starch, Kaolinite-Starch, Cellulose. HNT-Cellulose, Kaolinite-Cellulose, Drug Release, Wound Healing, Tissue Engineering, Wastewater Treatment, Food Packaging, Flame Retardant Materials.

INTELLECTUAL PROPERTY MANAGEMENT IN R&D COLLABORATIONS

THE CASE OF THE SERVICE INDUSTRY SECTOR

Springer Science & Business Media This work examines the current, relevant and complex problem of how companies can take an intellectual property lead within research and development collaborations. Special emphasis is placed on the early phases of the innovation process and the service industry sector in which intellectual property management is still a new phenomenon. The author derives archetypes for managing intellectual property in collaborations and analyses their strengths and weaknesses.

AN ATLAS OF POVERTY IN AMERICA

ONE NATION, PULLING APART 1960-2003

Routledge Persistent poverty has long been one of America's most pressing and intractable problems. According to some estimates, by 2003, almost twenty-five percent of the America's countries had per-capita incomes below one half the national average, high unemployment, low labour force participation rates, and a high dependency on government transfer payments - all measures of economic distress. An Atlas of Poverty in America shows how and where America's regional development patterns have become more uneven, and graphically illustrates the increasing number of communities falling behind the national economic average. Readers will be able to use this Atlas to see how major events and trends have impacted the scope and extent of American poverty in the past half-century: economic globalization, the rise of the sunbelt, decline of the welfare state, and the civil rights movement. Also includes 195 colour maps.