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New Science and Technology Journals

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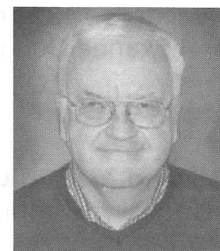
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New Science and Technology Journals

Earl Mounts



Atoms for Peace (AFP). 1741-640X. Inderscience Enterprises Ltd. v.1, 2005. 4/year. \$545.00. <http://www.inderscience.com/browse/index.php?journalID=107>

The objectives of *AFP* are to establish an effective channel of communication between policy makers, government agencies, academic and research institutions and persons concerned with the complex role of nuclear energy in society. It serves as an international forum for the exchange of ideas and views on the global implications of nuclear technology for economic growth, sustainable development and international security. It also aims to promote and coordinate developments in the field of energy and water resources. The international dimension is emphasized in order to overcome cultural and national barriers. The journal will publish high quality papers from a wide variety of disciplinary orientations on the general subject of peaceful uses of nuclear energy. The journal style and dialogue will be inclusive and attempt to involve all those who are interested in issues of atoms for peace (government agencies, national and international, industry, academics, non-governmental organizations).

ChemMedChem: Chemistry Enabling Drug Discovery. 1860-7179. Wiley. v.1, 2006. 12/year. \$124.00. http://www3.interscience.wiley.com/cgi-bin/jabout/110485305/2452_info.html

ChemMedChem is intended to become a premier European journal at the interface of chemistry, biology and medicine. *ChemMedChem* will be produced in Europe, but will publish primary as well as critical secondary and tertiary information from authors across and for the world. Its mission is to integrate the fields of medicinal and pharmaceutical sciences, ranging from drug design and discovery to drug development and delivery, from molecular modeling to combinatorial chemistry, from target validation to lead generation and ADMET studies—to name just a few topics.

Geomechanics and Geoengineering. 1748-6025. Taylor & Francis. v.1, 2006. 4/year. \$295.00. <http://www.tandf.co.uk/journals/titles/17486025.asp>

Geomechanics and Geoengineering is concerned with the application of the principle of mechanics to earth materials (namely geomaterial). Geoengineering covers a wide range of engineering disciplines related to geomaterials, such as foundation engineering, slope engineering, tunnelling, rock engineering, engineering geology and geo-environmental engineering. The journal provides an international forum for the exchange of innovative ideas, especially between researchers in Asia and the rest of the world. The journal welcomes papers concerned with any aspect of geomechanics and geoengineering, including material behavior, analysis procedures, design and construction. Papers published may take one of the following forms: practitioners' detailed records of construction and performance (case studies), academic research studies, state-of-the-art reviews by invited authors, symposia in print, technical notes and discussion. While paper submissions from all parts of the world are equally welcome, the Journal is committed to publish high quality papers from China and other Asian countries.

Human Technology: An Interdisciplinary Journal on Humans in ICT Environments. 1795-6889. Agora Center, University of Jyväskylä. v.1, 2005. 2/year. Free. <http://www.humantechnology.jyu.fi/about/>

Human Technology is an interdisciplinary, multidisciplinary journal focusing on the human role in our modern technological world. The journal provides a forum for innovative and original research on timely and relevant topics with the goal of revealing current issues regarding the human dimension of evolving technologies, and then providing new ideas and effective solutions for addressing the challenges. Focusing on both everyday and vocational life, the journal is equally interested in the social, psychological, educational, cultural, philosophical, cognitive

scientific, and communication aspects of human-centered technology. Special attention shall be paid to information and communication technology themes that will serve to create a holistic human dimension in the future information society. The journal will publish reports of empirical work, theoretical analyses and reviews. *Human Technology* will be of interest to scientists as well as commercial entities.

International Journal of Aerodynamics (IJAD). 1743-5447. Inderscience Enterprises Ltd. v.1, 2006. 4/year. \$450.00. <http://www.inderscience.com/browse/index.php?journalID=140>

IJAD aims to promote the advancement of the science and technology of aerodynamics by disseminating original technical information of permanent interest in the field. The journal aims to serve as a focal point of technical information exchange for the aerodynamics community throughout the world. Topics suited to *IJAD* include aerodynamics of: aircraft (commercial, military, and general aviation); re-entry vehicles; automobiles (consumer vehicles, commercial vehicles, and racing vehicles); railroad vehicles; leisure activities (cycling, running); and naturally flying objects (insects, birds). It will also cover the theoretical treatment of aerodynamics, experimental study and/or measurement technology of aerodynamics, and computational fluid dynamics (CFD) approach to aerodynamics.

International Journal of Business Intelligence and Data Mining (IJBIDM). 1743-8187. Inderscience Enterprises Ltd. v.1, 2005. 4/year. \$450.00. <http://www.inderscience.com/browse/index.php?journalID=143>

The *IJBIDM* publishes and disseminates knowledge on an international basis in the areas of business intelligence, intelligent data analysis, and data mining. It provides a forum for state-of-the-art developments and research, as well as current innovative activities in these areas. *IJBIDM* is devoted to intelligent techniques used for business modelling, including all areas of data visualization, data pre-processing (fusion, editing, transformation, filtering, sampling), data engineering, data mining techniques, tools and applications, neurocomputing, evolutionary computing, fuzzy techniques, expert systems, knowledge filtering, and post-processing. Topics include data extraction and reporting, data cleaning and pre-processing, causal modelling, reasoning under uncertainty, uncertainty and

noise in data, genetic algorithms, expert systems, knowledge-based analysis, statistical pattern recognition, data mining algorithms and processes, information extraction and retrieval, and multivariate data visualization.

International Journal of Collaborative Engineering (IJCE). 1745-0039. Inderscience Enterprises Ltd. v.1, 2006. 4/year. \$450.00. <http://www.inderscience.com/browse/index.php?journalID=161>

The objective of *IJCE* is to establish an effective channel of communication between academic and research institutions, industry communities, government agencies and persons concerned with the complex nature of collaborative engineering in design and manufacturing of technical systems. It also aims to promote and coordinate interdisciplinary research and development in the promising paradigm of Engineering as Collaborative Negotiation (ECN) as a new scientific foundation for collaborative engineering. The international dimension is emphasized in order to overcome cultural and national barriers, and to meet the needs of global collaboration, which has become ubiquitous due to modern communication and information technologies. Topics of interest to *IJCE* include collaborative decision making and decision analysis, distributive and integrative negotiation techniques, collaborative and concurrent life-cycle engineering, socio-technical framework for system engineering, joint decision making and social choices in engineering, construction of social reality in engineering, and technical team work, intelligent agent and virtual teaming technologies.

International Journal of Intellectual Property Management (IJIPM). 1478-9647. Inderscience Enterprises Ltd. v.1, 2006. 4/year. \$450.00. <http://www.inderscience.com/browse/index.php?journalID=83>

The objectives of the *IJIPM* are two-fold: firstly, to enhance communications between policy makers, organizational agents, academics, and managers on the critical understanding and research on intellectual property; secondly, to promote the development of the newly-cultivated research field. A truly international perspective to the studies of intellectual property is applied, with emphasis on issues in management, economics, politics, and international business. *IJIPM* welcomes papers on the following subjects related to intellectual property: the national

development history, international harmonization, ideologies, valuation methods, external and internal corporate and organizational strategies, stimulating inventions, managing intellectual property information, competitive analysis and intellectual property exploitation, and decision-making on intellectual property commercialization. Topics also include global piracy and corporate and organizational strategies, the impacts of intellectual property on mergers and acquisitions, and intellectual property and its effects on international negotiations.

International Journal of Nanomanufacturing (IJNM). 1746-7435. Inderscience Enterprises Ltd. v.1, 2006. 4/year. \$450.00. <http://www.inderscience.com/browse/index.php?journalID=180>

The objective of *IJNM* is to establish an effective channel of communication on the latest developments in micro- and nanomanufacturing science, processes, technology and applications between engineers, scientists, industry, policy makers, academic and research institutions, and persons concerned with any aspect of nanomanufacturing. The interdisciplinary nature of nanomanufacturing will serve to break down cultural, international and academic barriers to meet the needs of accelerating technological developments in the international community. *IJNM* provides a vehicle to help academics, researchers, industrial companies, trade associations and policy makers in the fields of manufacturing technology, materials science, engineering, biotechnology, nanotechnology, electronics and business to disseminate information and learn from each others work.

International Journal of Postharvest Technology and Innovation (IJPTI). 1744-7550. Inderscience Enterprises Ltd. v.1, 2005. 4/year. \$450.00. <http://www.inderscience.com/browse/index.php?journalID=157>

The objective of *IJPTI* is to establish an effective and timely channel for multidisciplinary communication between experts in academic and research institutions, practitioners and professionals working in agriculture/horticulture and related industries, policy makers, government, and non-governmental agencies involved in postharvest technology and agro-industrial development. Special attention will be paid to research findings and innovative best practices which have practical application to reduce the incidence of losses, maintain product

quality, extend shelf-life and enhance the marketing potential of fresh and processed food products. Industry practitioners, including rural development agencies, can showcase successful postharvest technology interventions and their impacts in income generation, employment, poverty alleviation and improvement of food security in developing and transitional countries

International Journal of Product Design and Manufacture for Sustainability (IJPDM). 1742-7223. Inderscience Enterprises Ltd. v.1, 2006. 4/year. \$450.00. <http://www.inderscience.com/browse/index.php?journalID=127>

IJPDM proposes to foster discussion on developing various elements of science-based sustainability principles and their applications in innovative product, process and system design for manufacturing with emphasis on economic, environmental and societal aspects of sustainability. This covers the biocomplexity of the environment and its associated technological challenges. Topics include product sustainability assessment/evaluation, lifecycle issues in product design and manufacture, product design and manufacture for societal impact, environmentally conscious design and manufacturing processes, manufacturability issues in sustainable product design, waste minimization and management in manufacturing processes, end-of-life and product take-back issues for product design and manufacture, zero- and near-zero land fill designs for manufacture, cross-cutting disciplines for product and process sustainability, and integrated manufacturing systems for sustainability.

Journal of Experimental Nanoscience. 1745-8080. Taylor & Francis. v.1, v.1, 2006, 4/year. \$280.00. <http://www.tandf.co.uk/journals/titles/17458080.asp>

The *Journal of Experimental Nanoscience* exists to bring together the most significant papers making original contributions to nanoscience in a range of fields including biology and biochemistry, physics, chemistry, chemical, electrical and mechanical engineering, materials, pharmaceuticals and medicine. The aim is to provide a forum in which cross fertilization between application areas, methodologies, disciplines, as well as academic and industrial researchers can take place and new developments can be encouraged.

Photonics and Nanostructures: Fundamentals and Applications. 1569-4410. Elsevier. v.1, 2003. 3/year. \$321.00. http://www.elsevier.com/wps/find/journaldescription.cws_home/658453/description

This journal creates a dedicated channel for physicists, material scientists, chemists, engineers and computer scientists who are interested in photonic crystals and photonic band gaps. The Journal sheds light on the latest developments in this growing field of science that will see the emergence of faster telecommunications and ultimately computers that use light instead of electrons to connect components. The journal covers physics, chemistry, engineering optoelectronics and computer science as they relate to applications in photonic crystals and photonic band gaps. Papers suitable for publication in this journal cover topics such as theory of photonic crystals and related micro- and nanophotonic materials; investigation and characterization of photonic crystal properties including optical nonlinearities, photonic band gap effects, spontaneous emission; fabrication of photonic structures and devices using various methods, including lithography, self-assembly, holography; subwavelength optics of structured materials; metallic and metallo-dielectric photonic structures; metamaterials and left-handed metamaterials; photonic crystal fibers and "holey" fibers; micro- and nanophotonic devices such as optical waveguides, switches, lasers, and other components of optical integrated circuits; micro-

optical-electro-mechanical-systems (MOEMS); optical microcavities and photonic "dots"; and critical assessment of new application fields (light sources, lasers, biophotonics, detectors, optical components, atom and molecule confinement).

Ships and Offshore Structures. 1744-5302. Woodhead Publishing Ltd. v.1, 2006. 4/year. \$580.00. <http://www.woodheadpublishing.com/en/book.aspx?bookID=869>

Ships and Offshore Structures is intended to cover the entire range of issues and technologies related to both ships, e.g., tankers, LNG carriers, large container vessels, naval vessels, and offshore structures, e.g., floating, production, storage and off-loading units (FPSOs), with a strong emphasis on practical design, construction and operation. While existing journals deal with technologies as related to specific topics, *Ships and Offshore Structures* will provide a systematic approach to individual technologies in order to more efficiently and accurately characterize the functioning of entire systems. Aimed at academics and practitioners involved in maritime engineering, and with an editorial board drawn from 27 countries, this journal will offer truly international coverage of up-to-the-minute research developments, advanced technologies and best practices. The journal will contain peer-reviewed research papers, practitioner articles, technology case studies and analytical comment. Online access will be available free of charge to all readers having a full subscription to the print journal. ❖

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March 15, 2006
Topic: Market Research for Libraries
Presenter: Samantha Chmelik, Knowledge inForm, Inc.

March 28, 2006
Topic: Communities of Practice - Knowledge at Work!
Presenter: Deb Wallace, The Kennedy Group

April 12, 2006
Topic: The Impact of IP on Digitization Projects Part I: Digitization Project Management in a Nutshell

Presenters: Jill Hurst-Wahl, Hurst Associates Ltd. K. Matthew Dames, Seso Group LLC

April 26, 2006
Topic: The Impact of IP on Digitization Projects Part II: Managing Intellectual Property Issues within the Digitization Project
Presenters: Jill Hurst-Wahl, Hurst Associates Ltd. K. Matthew Dames, Seso Group LLC

May 17, 2006
Topic: Always Fresh - Fast Content for Your Web Site and Users
Presenter: Darlene Fichter, Data Library Coordinator, Univ of Saskatchewan Library

May 24, 2006
Topic: Taxonomy KM — Where to Go Once the KM Program Is Already in Place
Presenter: Seth Earley, Boston Knowledge Management Forum