

CALL FOR CHAPTER PROPOSALS
Proposal Submission Deadline: January 30, 2012
Business Strategies and Approaches for Effective Engineering Management

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Introduction

Engineering projects are huge undertakings and require serious political commitment, clear vision and robust long term strategy. In order to be successful extensive planning, monitoring and evaluation of such projects is of utmost importance. Most of these initiatives normally fail not due to technical problems but due to management weaknesses often making them delayed and over budget. In this book we aim to focus on this particular area and aim to present theories and strategies to better manage engineering projects.

Objective of the Book

The aims are to give you practical as well as conceptual knowledge of the latest methodologies, principles, practices, tools and technologies for engineering management. The book will present state-of-the-art and future perspectives of EM. Industry experts, researchers, and academicians will share ideas and experiences regarding frontier technologies.

Target Audience

The target audience of this book will be designers of EM processes, academicians, students, practitioners, professionals and researchers working in the field of engineering management. This book will be invaluable for theoretical analysis, algorithms and practical applications of engineering management. Universities libraries would be interested in putting up this book in their libraries to enhance the knowledge of engineering students.

Recommended topics include, but are not limited to, the following:

Process Management

- o Fundamentals of Process Management
- o Tools and Techniques of Process Management
- o Manufacturing Systems Management
- o Productivity Management Techniques
- o Production and Operational Management
- o Process Innovation and Development
- o Process Performance Measurements
- o Design Cycle Management
- o Supply Chain Management
- o Engineering Economy and Cost Analysis
- o Maintenance Management
- o Process Management in the future

Knowledge Management

- o Fundamentals of Knowledge Management
- o Role of KM in Research and Development
- o KM Assessment Techniques
- o Success factors of Knowledge based Organizations
- o Shared Knowledge Management Processes

- o Role of Social and Cognitive Aspects of Knowledge Engineering
 - o Organizational Learning and Knowledge Management
 - o New Product Design and Development

Technology Management

- o Technology Strategy and Management
- o Technology Transfer Theories and Guidelines
- o Technology and Competitiveness
- o Technological Innovation
- o Technology-based Entrepreneurship
- o Technological Foresight
- o Outsourcing and Off-shoring
- o Green Information Technology

Project Management

- o Challenges in Global Manufacturing and Management
- o Computer Applications in Project Management
- o Project Risk, Quality & Procurement Management
- o Project Monitoring, Evaluation & Control
- o Engineering Contract Management
- o Managing Organizational Change
- o Service Innovation and Management

Special Topics in Engineering Management

- o Ethics in engineering projects
- o Legal aspects in global engineering projects
- o Intellectual Property Right and Patent Management
- o Curriculum design for engineering management
- o Teaching Engineering Management

Submission Procedure

Researchers and practitioners are invited to submit on or before January, 30, 2012, a 2-3 page chapter proposal clearly explaining the mission and concerns of his or her proposed chapter. Authors of accepted proposals will be notified by February 15, 2012 about the status of their proposals and sent chapter guidelines. Full chapters are expected to be submitted by May 15, 2012. All submitted chapters will be reviewed on a double-blind review basis.

Publisher

This book is scheduled to be published by IGI Global (formerly Idea Group Inc.), publisher of the "Information Science Reference" (formerly Idea Group Reference), "Medical Information Science Reference," "Business Science Reference," and "Engineering Science Reference" imprints. For additional information regarding the publisher, please visit www.igi-global.com. This publication is anticipated to be released in 2013.

Important Dates

March 15, 2012: Proposal Submission Deadline

April 15, 2012: Notification of Acceptance

May 15, 2012: Full Chapter Submission

June 30, 2012: Review Results Returned

July 30, 2012: Final Chapter Submission

September 30, 2012: Final Deadline

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The Fourth International Conference on the Networked Digital Technologies (NDT 2012)

April 22-24, 2012

Canadian University of Dubai, UAE

The NDT 2012 proceedings will be published in the Communications in Computer and Science (CCIS 136) Series of Springer LNCS

The proposed conference on the above theme will be held at the Canadian University from April 24-26, 2012 which aims to enable researchers build connections between applications.

Currently, a number of institutions across the countries are working to evolve better provide collaborative technology services for scholarship by creating shared cyberspace collaboration, but this is a challenge for the institutions for a number of reasons.

years, the landscape of digital technology applications projects for the various humanities, social sciences, and sciences appears induced by many initiatives. For research clusters, the research community has thousands of databases, websites, local clusters, and web-based tools around individual themes, interests and projects. In most tools and resources are and were created to meet the specific needs of a particular many cases, the funding and support for these critical initiatives is fragile and temporary, in piecemeal fashion. There is a need to provide concerted efforts in building federated technologies that will enable the formation of network of digital technologies.

- Information and Data Management
- Data and Network mining
- Intelligent agent-based systems, cognitive and reactive distributed AI systems
- Internet Modeling
- User Interfaces, Visualization and modeling
- XML-based languages
- Security and Access Control
- Trust models for social networks
- Information Content Security
- Mobile, Ad Hoc and Sensor Network Management
- Web Services Architecture, Modeling and Design
- New architectures for web-based social networks
- Semantic Web, Ontologies (creation , merging, linking and reconciliation)
- Web Services Security
- Quality of Service, Scalability and Performance
- Self-Organizing Networks and Networked Systems
- Data management in mobile peer-to-peer networks
- Data stream processing in mobile/sensor networks
- Indexing and query processing for moving objects
- User interfaces and usability issues form mobile applications
- Mobile social networks
- Peer-to-peer social networks
- Sensor networks and social sensing
- Social search

- Social networking inspired collaborative computing
- Information propagation on social networks
- Resource and knowledge discovery using social networks
- Measurement studies of actual social networks
- Simulation models for social networks
- Green Computing
- Grid Computing
- Cloud Computing

All the papers will be reviewed and the accepted papers in the conference will be published in the “Communications in Computer and Information Science” (CCIS 136) of Springer Lecture Notes Series (www.springer.com/series/), and will be indexed in many global databases including ISI Proceedings and Scopus.

The NDT proceedings are indexed by dblp (<http://dblp.uni-trier.de/db/conf/ndt/>)

In addition, selected papers after complete modification and revision will be published in the following special issues journals.

1. Journal of Digital Information Management (JDIM)
2. International Journal of Information Studies (IJIS)
3. International Journal of Green Computing (IJGC)
4. International Journal of Web Applications (IJWA)
5. Journal of E-Technology

(<http://www.dline.info>)

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Call for Papers

The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2012)

August 27-29, 2011

University of Cyprus, Nicosia, Cyprus

<http://www.dirf.org/diwt>

Technically co-sponsored by IEEE Communications Society Proceedings will be published by IEEE Xplore

The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2012) is a forum for scientists, engineers, and practitioners to present their latest research results, ideas, developments and applications in the areas of Computer Communications, Communication networks, Communication Software Communication Technologies and Applications, and other related themes.

This conference (ICADIWT 2012) will include presentations of contributed papers and state-of-the-art lectures by invited keynote speakers.

This conference welcomes papers address on, but not limited to, the following research topics:

- Computer Communication
- Communication Technologies
- Forensics, Recognition Technologies and Applications
- Communication Software
- Fuzzy and neural network systems
- Signal processing, pattern recognition and applications
- Digital image processing
- Speech processing
- Computational biology and bioinformatics
- Computer networks
- Information retrieval and internet applications
- Software engineering
- Data Communication
- Digital Communication
- Databases and applications
- Distributed Computing
- Data mining
- Real time systems
- Computer and network security
- Multi-Agent systems

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