1. Record Nr.   UNINA9910255125203321

   Titolo   PBL in Engineering Education : International Perspectives on Curriculum Change / / edited by Aida Guerra, Ronald Ulseth, Anette Kolmos

   Pubbl/distr/stampa   Rotterdam : , : SensePublishers : , : Imprint : SensePublishers, , 2017

   ISBN   9789463009058
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   Edizione   [1st ed. 2017.]

   Descrizione fisica   1 online resource (CXLII, 10 p.)

   Disciplina   370

   Soggetti   Education

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   Preliminary Material / Aida Guerra , Ronald Ulseth and Anette Kolmos -- PBL Curriculum Strategies / Anette Kolmos -- Sustaining Change for PBL at the Course Level / Khairiyah Mohd-Yusof -- Ten Years of Project-Based Learning (PBL) in Industrial Engineering and Management at the University of Minho / Rui M. Lima , José Dinis-Carvalho , Rui M. Sousa , Anabela C. Alves , Francisco Moreira , Sandra Fernandes and Diana Mesquita -- Iron Range Engineering Model / Bart Johnson and Ron Ulseth -- PBL in Engineering Education / J. Wang , C. S. Yap and K. Goh -- PBL Experience in Engineering School of Mondragon University / Nestor Arana-Arexolaleiba and Miren I. Zubizarreta -- Esprit PBL Case Study / Lamjed Bettaieb -- Perspectives on Engineering Curriculum Change / Aida Guerra and Ron Ulseth -- About the Contributors / Aida Guerra , Ronald Ulseth and Anette Kolmos.

   Sommario/riassunto   PBL in Engineering Education: International Perspectives on Curriculum Change presents diverse views on the implementation of PBL from across the globe. The purpose is to exemplify curriculum changes in engineering education. Drivers for change, implementation descriptions, challenges and future perspectives are addressed. Cases of PBL models are presented from Singapore, Malaysia, Tunisia, Portugal, Spain and the USA. These cases are stories of thriving success that can be an inspiration for those who aim to implement PBL and change their engineering education practices. In the examples presented, the change processes imply a transformation of vision and

values of what learning should be, triggering a transition from traditional learning to PBL. In this sense, PBL is also a learning philosophy and different drivers, facing diverse challenges and involving different actors, trigger its implementation. This book gathers experiences, practices and models, through which is given a grasp of the complexity, multidimensional, systemic and dynamic nature of change processes. Anette Kolmos, director of Aalborg PBL Centre, leads off the book by presenting different strategies to curriculum change, addressing three main strategies of curriculum change, allowing the identification of three types of institutions depending on the type of strategy used. Following chapters describe each of the PBL cases based upon how they implement the seven components of PBL: (i) objectives and knowledge; (ii) types of problems, projects and lectures; (iii) progression, size and duration; (iv) students' learning; (v) academic staff and facilitation; (vi) space and organization; and (vii) assessment and evolution. The book concludes with a chapter summarizing all chapters and providing an holistic perspective of change processes.

2.	Record Nr.	UNINA9910143623703321
	Titolo	Cooperative Information Systems : 9th International Conference, CoopIS 2001, Trento, Italy, September 5-7, 2001. Proceedings / / edited by Carlo Batini, Fausto Giunchiglia, Paolo Giorgini, Massimo Mecella
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
	ISBN	3-540-44751-2
	Edizione	[1st ed. 2001.]
	Descrizione fisica	1 online resource (XII, 456 p.)
	Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 2172
	Disciplina	005.758
	Soggetti	Database management
		Computer engineering
		Computer networks
		Application software
		Multimedia systems
		Information storage and retrieval systems
		Database Management
		Computer Engineering and Networks
		Computer and Information Systems Applications
		Multimedia Information Systems
		Computer Communication Networks
		Information Storage and Retrieval

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 at the end of each chapters and index.
Nota di contenuto	Invited Paper -- Generic Model Management: A Database Infrastructure for Schema Manipulation -- The Evolution of Distributed Component Architectures -- Data Integration Is Harder than You Thought -- Agent Systems -- Implicit Culture for Multi-agent Interaction Support -- Extending Multi-agent Cooperation by Overhearing -- Mobile-Agent Based Distributed Web GIS -- Local Distributed Agent Matchmaking -- Deploying Distributed State Information in Mobile Agent Systems -- Cooperative Meeting Scheduling among Agents Based on Multiple Negotiations -- Information Integration -- Autoplex: Automated Discovery of Content for Virtual Databases -- Cooperation Strategies for Information Integration -- Planning and Optimizing Semantic Information Requests Using Domain Modeling and Resource Characteristics -- Integrating View Schemata Using an Extended Object Definition Language -- Deriving "Sub-source" Similarities from Heterogeneous, Semi-structured Information Sources -- Middleware, Platforms, Architectures -- P-Grid: A Self-Organizing Access Structure for P2P Information Systems -- Moving Active Functionality from Centralized to Open Distributed Heterogeneous Environments -- Generic Constraints for Content-Based Publish/Subscribe -- Supporting Heterogeneous Users in Collaborative Virtual Environments Using AOP -- Models -- A Process Service Model for Dynamic Enterprise Process Interconnection -- Employing Multiuser Interactions in the Development of Synchronous Applications -- Service Representation, Discovery, and Composition for E-marketplaces -- Multi and Federated Database Systems -- Schema Design and Query Processing in a Federated Multimedia Database System -- Global Semantic Serializability: An Approach to Increase Concurrency in Multidatabase Systems -- Checking Integrity Constraints inMultidatabase Systems with Nested Transactions -- Web Information Systems -- The Internet Marketplace Template: An Architecture Template for Inter-enterprise Information Systems -- Investigating the Evolution of Electronic Markets -- Coordinating Web-Based Systems with Documents in XMLSpaces -- Validating an Access Cost Model for Wide Area Applications -- Workflow Management Systems -- Querying and Splicing of XML Workflows -- On Demand Business-to-Business Integration -- Recommendation and Information Seeking Systems -- Yoda: An Accurate and Scalable Web-Based Recommendation System -- The Use of Machine-Generated Ontologies in Dynamic Information Seeking.
Sommario/riassunto	This book constitutes the refereed proceedings of the 8th International Conference on Cooperative Information Systems, CoopIS 2001, held in Trento, Italy in September 2001. The 29 revised full papers presented together with three invited contributions were carefully reviewed and selected from 79 submissions. The papers are organized in topical sections on agent and systems; information integration; middleware, platforms, and architectures; models; multi and federated database systems; Web information systems; workflow management systems; and recommendation and information seeking systems.