The three volume set LNAI 4251, LNAI 4252, and LNAI 4253 constitutes the refereed proceedings of the 10th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, KES 2006, held in Bournemouth, UK, in October 2006. The 480 revised papers presented were carefully reviewed and selected from about 1400 submissions. The papers present a wealth of original research results from the field of intelligent information processing. This book constitutes the proceedings of the
satellite events held at the 18th Extended Semantic Web Conference, ESWC 2021, in June 2021. The conference was held online, due to the COVID-19 pandemic. During ESWC 2021, the following six workshops took place: 1) the Second International Workshop on Deep Learning meets Ontologies and Natural Language Processing (DeepOntoNLP 2021) 2) the Second International Workshop on Semantic Digital Twins (SeDiT 2021) 3) the Second International Workshop on Semantic Graph Construction (KGC 2021) 5) the 6th International Workshop on eXplainable SENTIment Mining and EmotioN deTection (X-SENTIMENT 2021) 6) the 4th International Workshop on Geospatial Linked Data (GeoLD 2021). This book constitutes the refereed post-conference proceedings of the 21st Annual Simulation Technology and Training Conference, SimTecT 2016, and the 47th International Simulation and Gaming Association Conference, ISAGA 2016, held as Part of the First Australasian Simulation Congress, ASC 2016, held in Melbourne, VIC, Australia, in September 2016. The 28 revised full papers included in the volume were carefully reviewed and selected from 55 submissions. They are organized in the following topical sections: Making the grade; Come to think of it; From here to fidelity; The name of the game; and Ahead of the game. Innovations Through Information Technology aims to provide a collection of unique perspectives on the issues surrounding the management of information technology in organizations around the world and the ways in which these issues are addressed. This valuable book is a compilation of features including the latest research in the area of IT utilization and management, in addition to being a valuable source in support of teaching and research agendas. Education in the Global South faces several key interrelated challenges, for which Open Educational Resources (OER) are seen to be part of the solution. These challenges include: unequal access to education; variable quality of educational resources, teaching, and student performance; and increasing cost and concern about the sustainability of education. The Research on Open Educational Resources for Development (ROER4D) project seeks to build on and contribute to the body of research on how OER can help to improve access, enhance quality and reduce the cost of education in the Global South. This volume examines aspects of educator and student adoption of OER and engagement in Open Educational Practices (OEP) in secondary and tertiary education as well as teacher professional development in 21 countries in South America,
Sub-Saharan Africa and South and Southeast Asia. The ROER4D studies and syntheses presented here aim to help inform Open Education advocacy, policy, practice and research in developing countries. The new South African edition of Tubbs and Moss offers examples, applications and cases tailored to the local market whilst retaining the successful focus on the principles and contexts of communication studies. The authors link theory and research with fundamental concepts and create plentiful opportunities for students to apply their understanding and develop useful communication skills. The new edition is fully updated with the most up to date research and examples, with a strong focus on cultural diversity, technology and local applications. As the field of information technology continues to grow and expand, it impacts more and more organizations worldwide. The leaders within these organizations are challenged on a continuous basis to develop and implement programs that successfully apply information technology applications. This is a collection of unique perspectives on the issues surrounding IT in organizations and the ways in which these issues are addressed. This valuable book is a compilation of the latest research in the area of IT utilization and management. Software Project Management 5e Defending Assessment Security in a Digital World explores the phenomenon of e-cheating and identifies ways to bolster assessment to ensure that it is secured against threats posed by technology. Taking a multi-disciplinary approach, the book develops the concept of assessment security through research from cybersecurity, game studies, artificial intelligence and surveillance studies. Throughout, there is a rigorous examination of the ways people cheat in different contexts, and the effectiveness of different approaches at stopping cheating. This evidence informs the development of standards and metrics for assessment security, and ways that assessment design can help address e-cheating. Its new concept of assessment security both complements and challenges traditional notions of academic integrity. By focusing on proactive, principles-based approaches, the book equips educators, technologists and policymakers to address both current e-cheating as well as future threats. Consumer behaviour has an increasing impact on business decisions through various individual and environmental factors. This phenomenon can be observed through the different buying patterns of generations and cultures when acquiring products and services. The study of consumer behaviour provides
insight into consumer information processing, decision making and consumption patterns and is, therefore, critical to marketing planning and strategies, public policy and ethics. This fascinating subject also helps us understand our own consumer patterns: when, why and where we buy certain items, why we use them in certain ways, and how we dispose of them. Consumer behaviour is an essential component of both marketing and industrial psychology courses. There has been a growth in the use, acceptance, and popularity of indigenous knowledge. High rates of poverty and a widening economic divide is threatening the accessibility to western scientific knowledge in the developing world where many indigenous people live. Consequently, indigenous knowledge has become a potential source for sustainable development in the developing world. The Handbook of Research on Theoretical Perspectives on Indigenous Knowledge Systems in Developing Countries presents interdisciplinary research on knowledge management, sharing, and transfer among indigenous communities. Providing a unique perspective on alternative knowledge systems, this publication is a critical resource for sociologists, anthropologists, researchers, and graduate-level students in a variety of fields. Presents research investigating the notion that information communication technologies (ICTs) have the potential to improve the lives of people and contribute to enhancing social conditions in developing countries through such concepts as the Knowledge Society, open education, and e-governance. This book presents a new agency paradigm that can resolve complex socio-political situations in cross-cultural environments. This book aims to provide the latest research findings, innovative research results, methods and development techniques from both theoretical and practical perspectives related to intelligent social networks and collaborative systems, intelligent networking systems, mobile collaborative systems, secure intelligent cloud systems, etc., as well as to reveal synergies among various paradigms in such a multi-disciplinary field intelligent collaborative systems. With the fast development of the Internet, we are experiencing a shift from the traditional sharing of information and applications as the main purpose of the Web to an emergent paradigm, which locates people at the very centre of networks and exploits the value of people's connections, relations and collaboration. Social networks are also playing a major role in the dynamics and structure
of intelligent Web-based networking and collaborative systems. Virtual campuses, virtual communities and organizations strongly leverage intelligent networking and collaborative systems by a great variety of formal and informal electronic relations, such as business-to-business, peer-to-peer and many types of online collaborative learning interactions, including the emerging e-learning systems. This has resulted in entangled systems that need to be managed efficiently and in an autonomous way. In addition, latest and powerful technologies based on grid and wireless infrastructure as well as cloud computing are currently enhancing collaborative and networking applications as a great deal but also facing new issues and challenges. The principal purpose of the research and development community is to stimulate research that will lead to the creation of responsive environments for networking and, at longer-term, the development of adaptive, secure, mobile and intuitive intelligent systems for collaborative work and learning.Globalization interest in indigenous studies has been rapidly growing as researchers realize the importance of understanding the impact indigenous communities can have on the economy, development, education, and more. As the use, acceptance, and popularity of indigenous knowledge increases, it is crucial to explore how this community-based knowledge provides deeper insights, understanding, and influence on such things as decision making and problem solving. Indigenous Studies: Breakthroughs in Research and Practice examines the politics, culture, language, history, socio-economic development, methodologies, and contemporary experiences of indigenous peoples from around the world, as well as how contemporary issues impact these indigenous communities on a local, national, and global scale. Highlighting a range of topics such as local narratives, intergenerational cultural transfer, and ethnicity and identity, this publication is an ideal reference source for sociologists, policymakers, anthropologists, instructors, researchers, academicians, and graduate-level students in a variety of fields.This book constitutes the refereed proceedings of the 14th International Conference on Model Driven Engineering Languages and Systems, MODELS 2011, held in Wellington, New Zealand, in October 2011. The papers address a wide range of topics in research (foundations track) and practice (applications track). For the first time a new category of research papers, vision papers, are included presenting "outside the box" thinking. The
foundations track received 167 full paper submissions, of which 34 were selected for presentation. Out of these, 3 papers were vision papers. The application track received 27 submissions, of which 13 papers were selected for presentation. The papers are organized in topical sections on model transformation, model complexity, aspect oriented modeling, analysis and comprehension of models, domain specific modeling, models for embedded systems, model synchronization, model based resource management, analysis of class diagrams, verification and validation, refactoring models, modeling visions, logics and modeling, development methods, and model integration and collaboration. This collection is directed towards anyone interested in the use of mobile learning for various applications. Readers will discover how to design learning materials for delivery on mobile technology and become familiar with the best practices of other educators, trainers, and researchers in the field as well as the most recent research initiatives in mobile learning. Businesses and governments can find out how to deliver timely information to staff using mobile devices. Professors and trainers can use this book as a textbook in courses on distance education, mobile learning, and educational technology. In fact, the book can be used by anyone interested in delivering education and training at a distance, but especially by graduate students of emerging technology in learning. "Addressing the ongoing quest for teaching excellence in an increasingly technological society, the information presented in this volume addresses how to effectively implement teaching technologies across disciplinary boundaries. The scholarly dimensions of belief, inquiry, argument, and reflection in information systems are presented with attention to educational theories of metacognition, technology literacy, and community informatics. Training for e-business and public agency work are discussed to better equip instructors for the distinctive information needs of these sectors." This book explores the application of agile and lean techniques, originally from the field of software development and manufacturing, to various aspects of education. It covers a broad range of topics, including applying agile teaching and learning techniques in the classroom, incorporating lean thinking in educational workflows, and using team-based approaches to student-centred activities based on agile principles and processes. Demonstrating how agile and lean ideas can concretely be applied to education, the book
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offers practical guidance on how to apply these ideas in the classroom or lecture hall, as well as new concepts that could spark further research and development. This book constitutes the refereed proceedings of the 13th International Conference, NooJ 2019, held in Hammamet, Tunisia, in June 2019. NooJ is a linguistic development environment that allows linguists to formalize several levels of linguistic phenomena. NooJ provides linguists with tools to develop dictionaries, regular grammars, context-free grammars, context-sensitive grammars and unrestricted grammars as well as their graphical equivalent to formalize each linguistic phenomenon. The 18 full papers presented were carefully reviewed and selected from 54 submissions. The papers are organized in the following tracks: Development of Linguistic Resources, Natural Language Processing Applications, NooJ for the Digital Humanities. This book constitutes the refereed proceedings of the 20th International Conference on Product-Focused Software Process Improvement, PROFES 2019, held in Barcelona, Spain, in November 2019. The 24 revised full papers, 4 industry papers, and 11 short papers presented were carefully reviewed and selected from 104 submissions. The papers cover a broad range of topics related to professional software development and process improvement driven by product and service quality needs. They are organized in topical sections on testing, software development, technical debt, estimations, continuous delivery, agile, project management, microservices, and continuous experimentation. This book also includes papers from the co-located events: 10 project papers, 8 workshop papers, and 4 tutorial summaries. Proceedings of: CSCL 2002 meeting in Boulder, Colorado, January 7-11, 2002. Education in the Global South faces several key interrelated challenges, for which Open Educational Resources (OER) are seen to be part of the solution. These challenges include: unequal access to education; variable quality of educational resources, teaching, and student performance; and increasing cost and concern about the sustainability of education. The Research on Open Educational Resources for Development (ROER4D) project seeks to build on and contribute to the body of research on how OER can help to improve access, enhance quality and reduce the cost of education in the Global South. This volume examines aspects of educator and student adoption of OER and engagement in Open Educational Practices (OEP) in secondary and tertiary education as well as teacher
professional development in 21 countries in South America, Sub-Saharan Africa and South and Southeast Asia. The ROER4D studies and syntheses presented here aim to help inform Open Education advocacy, policy, practice and research in developing countries. MODELS 2008 was the 11th edition of the series of conferences on Model-Driven Engineering Languages and Systems. The conference was held in Toulouse, France, during the week of September 28 to October 3, 2008. The local arrangements were provided by the Institut de Recherche en Informatique de Toulouse (IRIT). The conference program included three keynote presentations, technical presentations, two panels, and several workshops and tutorials. The invited keynote speakers were Don Batory (University of Texas, USA), Je? Kramer (Imperial College London, UK), and Patrick Rauhut (Airbus, Germany). This volume contains the final versions of the papers accepted for presentation at the conference. The papers cover a wide range of topics from the field including model transformation, model management, domain-specific modeling, modeling language semantics, model analysis, and applications. We received a record number of 271 full paper submissions from 40 different countries. Of these, 43 papers were submitted by authors from more than one country. The top three countries submitting papers were France (40), Germany (38), and Canada (24). A total of 58 papers were accepted for inclusion in the proceedings. The acceptance rate was therefore 21%, which is somewhat lower than those of the previous MODELS conferences. At least three Program Committee or Expert Reviewer Panel members viewed each paper. Reviewing was thorough, and most authors received detailed comments on their submissions. Conflicts of interest were taken very seriously. No-one participated in the decision process of any paper where a conflict of interest was identified. In particular, PC members who submitted papers did not have access to information concerning the reviews of their papers. For anyone needing to keep up to date with all the latest research in the field of membrane computing, this book will come as a breath of fresh air. It is the extended post-proceedings of the 8th International Workshop on Membrane Computing, held in June 2007. A total of 27 revised papers are presented. All of them have been through two rounds of reviewing. Special attention has been paid to the interaction of membrane computing with biology and computer science. This book disseminates original research on learning in and from practice in pre-service teacher education. Authors such as
Lederman and Lederman describe the student teaching practicum (or work-integrated learning [WIL]), which is an essential component of pre-service teacher education, as the ‘elephant in the room’. These authors note that ‘the capstone experience in any teacher education programme is the student teaching practicum… [a]fter all, this is where the rubber hits the road’. However, many teacher educators will agree that this WIL component is sometimes very insufficient in assisting the student teacher to develop their own footing and voice as a teacher. This is the ‘gap’ that this research book addresses. Most of the chapters in the book report empirical data, with the exception of two chapters that can be categorized as systematic reviews. WIL is addressed from various angles in the chapters. Chapter 6 focuses on research related to what makes Finnish teacher education so effective, and in Chapter 4 researchers of the University of Johannesburg disseminate their findings on establishing a teaching school (based on Finnish insights) in Johannesburg. Chapter 3 highlights the challenges faced in open-and distance learning teacher education contexts. Several of the chapters disseminate research findings on alternative interventions to classic WIL, namely, where “safe spaces” or laboratories are created for student teachers to learn and grow professionally. These could either be simulations, such as software programmes and avatars in the intervention described in Chapter 2; student excursions, as the findings in chapters 5, 7 and 10 portray; or alternative approaches to WIL (e.g. Chapters 11 and 12).

The book is devoted to scholarship in the field of pre-service teacher education. The target audience is scholars working in the fields of pre-service teacher education, work-integrated learning, and self-directed learning. The book makes a unique contribution in terms of firstly its extensive use of Cultural-Historical Activity Theory as a research lens, and secondly in drawing on various theoretical frameworks. Both quantitative and qualitative research informed the findings of the book.

Engineering Interactive Systems 2007 is an IFIP working conference that brings together researchers and practitioners interested in strengthening the scientific foundations of user interface design, examining the relationship between software engineering (SE) and human-computer interaction (HCI) and on how user-centered design (UCD) could be strengthened as an essential part of the software engineering process. Engineering Interactive Systems 2007 was created by merging
three conferences: • HCSE 2007 – Human-Centered Software Engineering held for the first time. The HCSE Working Conference is a multidisciplinary conference entirely dedicated to advancing the basic science and theory of human-centered software systems engineering. It is organized by IFIP WG 13.2 on Methodologies for User-Centered Systems Design. • EHCI 2007 – Engineering Human Computer Interaction was held for the tenth time. EHCI aims to investigate the nature, concepts, and construction of user interfaces for software systems. It is organized by IFIP WG 13.4/2.7 on User Interface Engineering. • DSV-IS 2007 – Design, Specification and Verification of Interactive Systems was held for the 13th time. DSV-IS provides a forum where researchers working on model-based techniques and tools for the design and development of interactive systems can come together with practitioners and with those working on HCI models and theories. This book constitutes the refereed proceedings of the Second International Conference on Knowledge Science, Engineering and Management, KSEM 2007, held in Melbourne, Australia, in November 2007. The 42 revised full papers and 28 revised short papers presented together with five invited talks were carefully reviewed and selected. The papers provide new ideas and report research results in the broad areas of knowledge science, knowledge engineering, and knowledge management. Artificial intelligence (AI) plays a vital part in the continued development of computer science and informatics. The AI applications employed in fields such as medicine, economics, linguistics, philosophy, psychology and logical analysis, not forgetting industry, are now indispensable for the effective functioning of a multitude of systems. This book presents the papers from the 20th biennial European Conference on Artificial Intelligence, ECAI 2012, held in Montpellier, France, in August 2012. The ECAI conference remains Europe's principal opportunity for researchers and practitioners of Artificial Intelligence to gather and to discuss the latest trends and challenges in all subfields of AI, as well as to demonstrate innovative applications and uses of advanced AI technology. ECAI 2012 featured four keynote speakers, an extensive workshop program, seven invited tutorials and the new Frontiers of Artificial Intelligence track, in which six invited speakers delivered perspective talks on particularly interesting new research results, directions and trends in Artificial Intelligence or in one of its related fields. The proceedings of PAIS 2012
and the System Demonstrations Track are also included in this volume, which will be of interest to all those wishing to keep abreast of the latest developments in the field of AI. This book constitutes the refereed proceedings of the 12th International Conference on Product-Focused Software Process Improvement, PROFES 2011, held in Torre Canne, Italy, in June 2011. The 24 revised full papers presented together with the abstracts of 2 keynote addresses were carefully reviewed and selected from 54 submissions. The papers are organized in topical sections on agile and lean practices, cross-model quality improvement, global and competitive software development, managing diversity, product and process measurements, product-focused software process improvement, requirement process improvement, and software process improvement. Content Description #Includes bibliographical references and index. Copyright code: 92be2053a31eb2c34e7a6f31094b50f2