

1. Record Nr.	UNINA9910686777403321
Titolo	How People Learn in Informal Science Environments // edited by Patricia G. Patrick
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031132919 3031132912
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (XIII, 568 p. 92 illus., 46 illus. in color.)
Disciplina	371.04 507.1
Soggetti	Science - Study and teaching Non-formal education Alternative education Science Education Informal Education Experiential Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1: Adult Learning -- Chapter 1. Teaching About the Holocaust Through Expeditionary Learning -- Chapter 2. Conceptualising and working With a Theory of Learning for Adults Who Need to Know -- Part 2: Aquariums, Arboretums, and Zoos -- Chapter 3. The ARCS Model: Motivate Audiences and Facilitating Learning -- Chapter 4. Application of the Contextual Model of Learning and the Situated Identity Model in Informal STEM Learning Research -- Chapter 5. Socioscientific Issues and the Potential for Fostering Engagement in Informal Science Institutions -- Chapter 6. Sociocultural Theory: Defining Interactions at an Arboretum, Aquarium, and State Park -- Chapter 7. Merging Three Learning Theories to Understand How Learning Outside the Classroom Institutions Learn Themselves -- Part 3: Community Spaces -- Chapter 8. A Mobile Theory of Learning and Becoming in and Through Relations of Dignity: A Research Framing for Research Outside the Classroom -- Chapter 9. Complementing

Informal STEM Education with Social Entrepreneurship -- Chapter 10.  
Playing to Become a Science Person: The Application of Play and  
Identity Theories in Two Out-of-School Settings.

**Sommario/riassunto**

This edited volume brings together an international perspective of 22 diverse learning theories applied to a range of informal science learning environments. The book is divided into 7 sections: community of practice, critical theory, identity theory, sociocultural, socioscientific, and social entrepreneurship, systems theory, and theory development. The chapters present how researchers from diverse backgrounds and cultures use theories in their work and how these may be applied as theoretical frameworks for future research. The chapters bridge theory and practice and collectively address a wide range of ages (children-adults) and contexts. The book is written to engage a broad audience of researchers in universities and museums, while appealing to the growing number of researchers and educators who recognize the importance of informal learning to the development of environmental and scientific literacy. It is essential reading for inexperienced researchers and those seeking new theoretical perspectives.

2. **Record Nr.**

UNINA9910484063203321

**Titolo**

Artificial Intelligence and Cognitive Science : 20th Irish Conference, AICS 2009, Dublin, Ireland, August 19-21, 2009, Revised Selected Papers // edited by Lorcan Coyle, Jill Freyne

**Pubbl/distr/stampa**

Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010

**ISBN**

1-280-39037-9  
9786613568298  
3-642-17080-3

**Edizione**

[1st ed. 2010.]

**Descrizione fisica**

1 online resource (XI, 293 p. 108 illus.)

**Collana**

Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 6206

**Classificazione**

004

**Altri autori (Persone)**

CoyleLorcan  
FreyneJill

**Disciplina**

006.3

**Soggetti**

Artificial intelligence  
Computer networks  
Application software  
Information storage and retrieval systems  
Computer science  
Database management  
Artificial Intelligence  
Computer Communication Networks

Computer and Information Systems Applications  
Information Storage and Retrieval  
Theory of Computation  
Database Management

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 and index.
Nota di contenuto	Invited Talks -- Use of Enterprise Social Software to Support Organization and People Sensemaking -- Collective Intelligence in the Social Web -- Full Papers -- Robustness Analysis of Model-Based Collaborative Filtering Systems -- Phase and Coordination in Speech Production -- The Effect of Query Length on Normalisation in Information Retrieval -- An Evolutionary Neural Network Approach to Intrinsic Plagiarism Detection -- Investigation of Localised Centrality Metrics for Collaborative Networks: What Can They Reveal? -- Practical Development of Hybrid Intelligent Agent Systems with SoSAA -- Genetic Repair Strategies Inspired by Arabidopsis thaliana -- A Machine Learning System for Identifying Hypertrophy in Histopathology Images -- Creating Visualizations: A Case-Based Reasoning Perspective -- Assessing Context for Age-Related Spanish Temporal Phrases -- Using Shallow Natural Language Processing in a Just-In-Time Information Retrieval Assistant for Bloggers -- Towards Automatic Blotch Detection for Film Restoration by Comparison of Spatio-Temporal Neighbours -- Analysis of the Effect of Unexpected Outliers in the Classification of Spectroscopy Data -- Just Say It: An Evaluation of Speech Interfaces for Augmented Reality Design Applications -- SceneMaker: Intelligent Multimodal Visualisation of Natural Language Scripts -- The Enhanced Ranked List -- A Prediction Market for Toxic Assets -- Learning without Default: A Study of One-Class Classification and the Low-Default Portfolio Problem -- A Survey of Recent Trends in One Class Classification -- Steady State RF Fingerprinting for Identity Verification: One Class Classifier versus Customized Ensemble -- An Analysis of Order Dependence in k-NN -- Norm Convergence in Populations of Dynamically Interacting Agents -- A Comparison of Word Similarity Measures for Noun Compound Disambiguation -- An Assessment of Machine Learning Techniques for Review Recommendation -- Buzzer -- Online Real-Time Topical News Article and Source Recommender -- An Evaluation of the GhostWriter System for Case-Based Content Suggestions -- On Using Temporal Features to Create More Accurate Human-Activity Classifiers -- Demo Papers -- Physical Activity Motivating Games -- A Machine Learning System for Tracking Sentiment in Irish Economic News -- The Blogoduct System: A Just-In-Time Information Retrieval Assistant for Bloggers -- Sensing Handshakes for Social Network Development -- A Decision Support System for Energy Storage Traders.
Sommario/riassunto	This book constitutes the refereed proceedings of the 20th Irish Conference on Artificial Intelligence and Cognitive Science, AICS 2009, held in Dublin, Ireland in August 2009. The 32 papers presented were carefully reviewed and selected for inclusion in the book. The topics covered are classification techniques, biologically-inspired

computation, natural language processing, and applications of AI techniques for the social Web and financial markets.

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