

1. Record Nr.	UNISA996547961803316
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Titolo	Computer Science and Education [[electronic resource]] : 17th International Conference, ICCSE 2022, Ningbo, China, August 18–21, 2022, Revised Selected Papers, Part I / / edited by Wenxing Hong, Yang Weng
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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1811
Altri autori (Persone)	WengYang
Disciplina	004.071
Soggetti	Application software Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	SATCN: An Improved Temporal Convolution Neural Network with Self-Attention Mechanism for Knowledge Tracing -- Design of Smart Mistake Notebook Based on AI and Big Data -- The Research on the Challenges Confronted by the Combination of Virtual Reality Technology and Educational Games -- Design and Development of the Intelligent Parking Management System for Urban E-bikes -- Asian Games Service Intelligent System Based on Privacy-Preserving Recommendation -- Intelligent Chinese Speech Learning Correction System -- Overview of Infrared and Visible Image Fusion Based on Deep Learning -- Topic Term Clustering Based on Semi-supervised Co-occurrence Graph and Its Application in Chinese Judgement Documents -- Facial Expression Image Classification Based on Multi-scale Feature Fusion Residual Network -- Privacy-Preserving Educational Credentials Sharing based on Blockchain and Proxy Re-Encryption -- A Method of Students' Online Learning Status Analysis Based on Facial Expression -- Short text dynamic clustering approach for semantic-enhanced knowledge -- An Improved Perspective Transformation and Subtraction Operation for PCB Defect Detection -- An Overview of Smart Contract in Blockchain Technology : Security and Platforms -- Comparison between

Methods Based on LSTM and BLS for Stock Analysis and Prediction -- The Application of Information Communication Technology in design education;using extracurricular scientific research and innovation training in architecture as an example -- Multi-targets Vital Signs Detection Using CW Radar -- Robotic Polishing of Complex Curved Parts Using Series Elastic Force-controlled End-effector -- The Influence of English Learning Apps on College Students' English Learning -- Research Hotspots and Frontiers of Blockchain Technology Based on Citespace -- 3D-LSTM Wireless Sensing Gesture Recognition--A Collaborative Bachelor and Master Project-Based Learning Case -- Research on Chinese Language Learning Behaviors of Students in Indonesia Primary School -- Visualization Analysis on the Research Status and Trend of Recommendation System -- Research on Library Intelligent Service Based on Blockchain Technology -- Towards Intelligent Serious Games: Deep Knowledge Tracing with Hybrid Prediction Models -- MOOCs Based Blending Teaching Reform for Integrated College Computer Course -- Sentiment Classification of Chinese Commodity-comment Based on EMCCNN Model -- Research on an Evaluation System of Individual Digitalization Capability -- A Secure Privacy Preserving Authentication Schema for Remote Server using Biometric -- A Fast Dynamic Adaptive Sampling Algorithm for Large-scale Online Social Networks -- The Influence on Online Course Engagement of International Students Staying at Home Country: Take CFL Course as an Example -- Bibliometric Analysis for Intelligent Assessment of Data Visualization -- A Study to Evaluate Training Systems for Reducing Sensory Conflict Using Virtual Reality -- A Divisive Approach for All Pairs Shortest Path on Large-scale Graphs with Limited Resources -- Long Short-Term Conditional Probability Matrix Prediction in Energy Efficient Ethernet -- An Experiment Aiding System Driven by Eye Movement in Mixed Reality -- Big Data Management and Analysis System for Field Scientific Observation and Research Stations -- A Novel Cooperative Package Pickup Mechanism for Door-to-door Pickup Scenes -- Adaptive Iterative Learning Control for Permanent Magnet Linear Synchronous Motor -- Tracing knowledge state with individualized ability and question difficulty -- An NI-PSO-LightGBM model based on adversarial validation: mortality prediction in ICU diabetic patients -- IGFClust: clustering unbalanced and complex single-cell expression data by iteration and integrating Gini index and Fano factor -- A Bibliometric Review on Supplier Evaluation and Selection -- Prediction of Vehicle Drag Coefficient Using Machine Learning -- Research on Food Recommendation Method Based on Knowledge Graph -- Visualization and Immersion: Fascination 3D -- Clinical Intelligent Interactive System Based on Optimized Hidden Markov Model -- Exploring Motivation in Oral English Learning among Chinese English Majors through Mobileassisted Service Learning -- Intelligent Positioning Management System of Slag Tanks Based on RFID Technology -- FedHD: A Privacy-Preserving Recommendation System with Homomorphic Encryption and Differential Privacy -- Deep Neural Networks with cross-Charge Features -- Community Detection Based on Graph Attention and Self-supervised Embedding -- Research on Multimodal Rumor Detection Based on Hierarchical Attention Network -- Research on Workflow Model and Verification Method of Remote Sensing Data Processing -- Relation-aware Facial Expression Recognition Using Contextual Residual Network with Attention Mechanism -- An Edge-Cloud Collaborative Computing System for Real-time Internet-of-Things Applications -- Research on Post Epidemic Brand Co Branding Based on Big Data -- Taking Liangpin Store as an Example.-Gene Variation Detection Approach based on

Multimodal Data Fusion -- Nonlinear Robust Control for Tilt Rotor UAV with Convex Polytopic Uncertainty -- Detecting Medical Insurance Fraud Using A Heterogeneous Information Network With A Multi-Behavior Pattern.

Sommario/riassunto

This three-volume set constitutes selected papers presented during the 17th International Conference on Computer Science and Education, ICCSE 2022, held in Ningbo, China, in August 2022. The 168 full papers and 43 short papers presented were thoroughly reviewed and selected from the 510 submissions. They focus on a wide range of computer science topics, especially AI, data science, and engineering, and technology-based education, by addressing frontier technical and business issues essential to the applications of data science in both higher education and advancing e-Society.

2. Record Nr.	UNINA9910300413103321
Autore	Carroll Michael
Titolo	On the Shores of Titan's Farthest Sea : A Scientific Novel / / by Michael Carroll
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-17759-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (248 p.)
Collana	Science and Fiction, , 2197-1188
Disciplina	523.986
Soggetti	Space sciences Astronomy Planetary science Climatology Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Popular Science in Astronomy Planetology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.

Part I: Novel -- Chapter 1: Encounter -- Chapter 2: Abigail Marco -- Chapter 3: Baffled and Bewildered -- Chapter 4: Demian Sable -- Chapter 5: Break-in -- Chapter 6: Crash -- Chapter 7: Tanya and Abby -- Chapter 8: Vesta Valentines -- Chapter 9: Titanic Invitation -- Chapter 10: Skyward -- Chapter 11: The Villa -- Chapter 12: Talking Trash -- Chapter 13: Submersible -- Chapter 14: Partly Cloudy -- Chapter 15: Encounter II -- Chapter 16: Lose/Lose -- Chapter 17: Cover-up -- Chapter 18: Breakthrough! -- Chapter 19: New Lead -- Chapter 20: Taking Her Out -- Chapter 21: Crazy -- Chapter 22: Florence -- Chapter 23: Power Play -- Chapter 24: A Present Absence -- Chapter 25: Disappearances and Appearances -- Chapter 26: Reunion -- Chapter 27: The Lair -- Chapter 28: Slithering Things -- Chapter 29: A Ping of a Different Frequency -- Chapter 30: Conspiracy Theory -- Chapter 31: Lost in a Lost World -- Chapter 32: Serpents' Swim -- Chapter 33: A Little Trip -- Chapter 34: Somebody Told Me -- Chapter 35: Sticks and Stones -- Chapter 36: The Morning After -- Chapter 37: Serpents in the Morning -- Chapter 38: Shifting Allies -- Chapter 39: The Hunchback of Mayda Insula -- Chapter 40: Silence of the Grave -- Chapter 41: The Long and Winding Road -- Chapter 42: Remembering Old Times -- Chapter 43: Unwelcoming Committee -- Chapter 44: A Bridge Too Far -- Chapter 45: The Evening News -- Chapter 46: Visitations -- Chapter 47: Delayed Gratification -- Chapter 48: The Creeps -- Chapter 49: Chivalry Is Not Dead -- Chapter 50: Lost Ticket Home -- Chapter 51: Unsettling Revelations -- Chapter 52: Retribution -- Chapter 53: Bon Voyage -- Chapter 54: Return to Sender -- Chapter 55: Sequins and Saline -- Chapter 56: What the Doctor Ordered -- Chapter 57: The Dancer -- Chapter 58: Boarding Parties -- Chapter 59: Imminent Departures -- Chapter 60: The Note -- Part II: The Science Behind the Fiction -- 1: Vesta and Asteroid Mining -- 2: The Lay of the Land on Titan -- 3: Strange Seas on the Surface and Beneath -- 4: Dunes -- 5: Living on Ice -- 6: Titan Life -- 7: Shared Hallucinations -- 8: Terraforming. .

Sommario/riassunto

Titan is practically a planet in its own right, with a diameter similar to that of Mercury, methane rainstorms, organic soot and ethane seas. All of the most detailed knowledge on the moon's geology, volcanology, meteorology, marine sciences and chemistry are gathered together here to paint a factually accurate hypothetical future of early human colonization on this strange world. The views from Titan's Mayda Outpost are spectacular, but all is not well at the moon's remote science base. On the shore of a methane sea beneath glowering skies, atmospheric researcher Abigail Marco finds herself in the middle of murder, piracy and colleagues who seem to be seeing sea monsters and dead people from the past. On the Shores of Titan's Farthest Sea provides thrills, excitement and mystery – couched in the latest science – on one of the Solar System's most bizarre worlds, Saturn's huge moon Titan. "This riveting story, set against a plausibly well integrated interplanetary space, carries us along with its bright and interesting characters. We feel absolutely transported to a hauntingly beautiful and alien Titan through Carroll's masterful weaving of art and science." – Jani Radebaugh, Professor of Planetary Sciences, Titan dune expert, BYU "It's a fun read! Really makes Titan come alive, literally..." – Astrophysicist and author Ralph Lorenz .