

2022 OkIP International Conference on Data Technology and Engineering (CDTE)

Monday, October 3, 2022 - Thursday, October 6, 2022

Tiako Center, Oklahoma City, OK, USA and Online

Scientific Tracks

Conference Technical Main Tracks

Conference technical main tracks

Data Concepts

- Data Filtering | Data Conversion
- Data Structures | Data Management
- Data Virtualization | Data Integrity
- Data Integration | Data Retrieval
- Data Representation | Data Aggregation
- Data Types | Data Grids | Data Warehouse
- Metadata | Data Integration | Data fusion
- Data Standards | Data Workflow
- Data Interoperability | Data Integrity
- Data Security/Privacy/Trust | Data Control

Data Analytics and Processing

- Business Intelligence | Data Governance
- Descriptive analytics | Critical Device Data
- Raw Data | Data Capture | Data Ingestion
- Data Transformation | Data Processing
- Data Visualization | Data Queries
- Analytical Workloads | Prescriptive Analytics
- Historical Data and Business Metrics
- Transactional Workloads | Data Repositories
- Batch and Streaming Data
- Real-time Data | Point-of-Sale Data
- Statistics Exploratory Data Analysis
- Diagnostic Analytics | Cognitive Analytics
- Data Warehouse Management
- Predictive Analytics | Social Data Analytics
- Online Analytical Processing
- Semi-Structured Data | Unstructured Data

Databases

- Database System Internals and Performance
- XML Databases | Graph Database
- Temporal Databases | Spatial Databases
- Query Optimization Techniques
- Multimedia Databases | Distributed Databases
- Mobile Databases | WWW and Databases
- NoSQL Databases | Very Large Databases
- Object-Oriented Database Systems
- Database Architecture and Design

AI in Data and Big Data

- Data Encryption Techniques
- Data Mining Theoretical Foundation
- Scientific and Statistical Data Mining
- Data Mining and Knowledge Discovery

- Data Mining Products/Systems/Languages
- Big Data Search/Mining | Web Mining
- Decision Support Data Systems
- Dimensional Data Modeling
- Big Data Security/Privacy/Trust
- Big Data Infrastructure | Web Analytics
- Text Analytics | Big Data as a Service
- Big Data and Information/Data Quality
- Change Detection | Big Data Applications
- Social Web Search and Mining
- Deep Learning and Big Data
- Big Data Computational Models
- Smart Grid Big Data | Text Mining
- Big Data Cloud Computing
- Big Data Stream Computing
- Intelligent Data Retrieval System

Data and Databases Applications

- Database Applications and Experiences
- Scientific and Biological Databases
- Smart Cities and Urban Data Analytics
- Sensor Network Data Management
- In-Network Data Processing
- In-Memory/Purpose-built Databases
- Distributed/Parallel/Peer to Peer Databases
- Deep/Dark/Hidden Web Data Management
- Energy-Efficient Data Centers
- Storage Systems Security/Reliability
- Data Loss/Breach Prevention & Protection
- Visual and Audio Data Mining
- Information Visualization
- Open Source Databases
- Software Engineering Data
- Virtualized Data Center Network
- Medical/Biomedical Big Data
- Medical Data Interoperability/Security

Data and Legal Issues

- Data Privacy Issues| Sensitive Data
- Data Regulation Laws | Data Protection Laws
- Privacy-Preserving Techniques
- Data Privacy Issues | Privacy Standards
- Data Collection and Storage Issues
- Intellectual Property/Copyright Laws

Other Conference Tracks or Activities

Other conference tracks or activities

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