2023 OkIP International Conference on Data Technology and Engineering (CDTE)

Monday, 2 October 2023 - Thursday, 5 October 2023

Tiako Center, Oklahoma City, OK, USA & Online

Scientific Tracks

Data Advanced 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