

# CALL FOR PAPERS

## 2023 International Conference on Data Technology and Engineering

Tiako Center, Oklahoma City, OK, USA & Online, October 2-5

Oklahoma International Publishing (OkIP) is pleased to host the 2023 International Conference on Data Technology and Engineering (CDTE). The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research and development in the field. Proposals are solicited describing original works in fields below and related technologies. CDTE will include a peer-reviewed program of technical, industrial and poster sessions. Accepted and presented full papers from the tracks below will be published by OkIP and submitted for indexation in major abstract and citation databases of peer-reviewed literature. Extended version of best papers will be considered for Journal publication.

### 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

### Technical Research & Industry Contribution

**Full Paper:** Accomplished research results (6 pages)

**Short Paper:** Work in progress/fresh developments (3 pages)

**Poster/Journal First:** Displayed/Oral presented (1 page)

### Corporate Showcase & Exhibition

**Booth:** Display product and/or service offerings (1 page)

**Oral:** Present product and/or service offerings (1 page)

### 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

### Student Poster & Career Fair

**Graduate & Doctoral:** Peer-reviewed Poster (1 page)

**Undergraduate/High School:** Selected Poster (1 page)

**Recruiter Booth:** Product/Service & Job offerings (1 page)

### Workshop, Tutorial, Forum & Panel

**Workshop, Tutorial & Tour:** Proposal (1 page)

**Executive Forum, Panel & Talk:** Proposal (1 page)

For more information, submission details and important dates visit or contact:

[EVENTUTOR.COM/E/CDTE003](http://EVENTUTOR.COM/E/CDTE003)

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