12th International Conference on
Big Data and Artificial Intelligence
(BDA 2024)
University of Hyderabad, Telangana, India

December 17 - 20, 2024 https://scis.uohyd.ac.in/~bda2024

Springer

CALL FOR PARTICIPATION

The BDA 2024 conference offers an exceptional platform for researchers from academia and industry, PhD students, faculty members, data scientists, and system developers to connect, collaborate, and exchange insights on the latest breakthroughs and future directions in Big Data and Artificial Intelligence.

KEYNOTE TALKS

Rajkumar Buyya, The University of Melbourne, Australia
Title: *Neoteric Frontiers in Cloud, Edge, and Quantum Computing*
Prof. Rajkumar Buyya, a globally recognized researcher, is a leading expert in cloud computing with over 850 publications and 152,000+ citations.

Giuliano Casale, Imperial College London
Title: *Optimizing Real-Time Data Processing: Balancing Resource Constraints and Quality-of-Service*
Dr. Giuliano Casale, is an expert in Quality-of-Service engineering and cloud computing, with over 150 publications and leadership roles in ACM SIGMETRICS and IEEE/IFIP DSN.

Santanu Chaudhury, Indian Institute of Technology, Delhi
Title: *Document AI - Perspectives & Future*
Currently the Schlumberger Chair Professor and Dean of UGS at IIT Delhi, Dr. Santanu Chaudhury has held numerous leadership roles, developed impactful curriculum, and earned the INSA Medal for Young Scientists.

INVITED INDUSTRY TALKS

Asoke Talukder, ARAI Solutions, Bangalore
Title: *AI, 6G, and Cognitive Graphs in Autonomous Smart World*
Prof. Dr. Asoke K. Talukder is the Co-Founder and Chief Science Officer of ARAI Solutions. He is known for groundbreaking innovations like the world's first 64-bit multilingual database, the first Blockchain consensus protocol in healthcare, and real-time interactivity for Kaun Banega Crorepati.

Sailesh Patra, Cognida.ai
Title: *AI in Procurement - Order Automation*
Sailesh Patra, leads a team focused on transforming complex data challenges into actionable insights, drawing on over eight years of experience in AI, with a proven track record at Hitachi Vantara in algorithm design and software engineering.

Rajeev Gupta, Microsoft
Title: TBA
Rajeev Gupta is a Principal Applied Researcher at Microsoft--working in the areas of information extraction, content recommendations, and using language models for various applications. Prior to that, he was chief architect at IQLECT software and Senior Researcher at IBM Research.

PANEL

Prof. Chakravarthy Bhagvati, SCIS, University of Hyderabad (Moderator)

Dr. Rama Govindaraju, Director of Engineering at Google San Jose

Dr. Srinivas Jandhyala, IBM

Dr. J. V. R. Sagar, Sc-H, DRDO and Former Director, ANURAG

WORKSHOPS

Secure, Reliable, and Ethical Generative AI Implementation

GenAI technology, while powerful in its ability to learn from diverse sources, brings challenges around ethics, privacy, reliability, and misuse-making robust guardrails essential. As GenAI adoption grows, this industry workshop will address critical checks and controls for secure & responsible GenAI implementation.

GenAI-Driven Big Data Innovations in the Edge-Cloud Continuum

The workshop on "GenAI-Driven Big Data Innovations in the Edge-Cloud Continuum" delves into cutting-edge GenAI and big data integration across edge-cloud environments, covering topics from GANs and VAEs to secure, scalable, and privacy-preserving AI deployment for real-time, fault-tolerant applications.

TUTORIALS

Self-Supervised Learning: A Next Step in AI to Learn Representations from Unlabeled Data Generating Implicit Labels

Mayuri Mehta (Sarvajanik College of Engineering and Technology, Surat, Gujarat)

Mastering ETL and Data Pipelines with Big Data from Basics to Advanced Techniques

Mr. G.Victor Daniel (Anurag University, Hyderabad)

Deploying a Scalable Cloud Infrastructure for Big data Management Challenges and Research Issues

Vengadeswaran, Shajulin Benedict
(Indian Institute of Information Technology, Kottayam, India)

Data Fabric: Enabling Technologies and Applications

Kamalakar Karlapalem (IIIT-Hyderabad), P. Radha Krishna (NIT, Warangal), Satyanarayana R Valluri (Databrics Inc., California)

Social and Environmental Implications of the AI boom

Vishnu S. Pendyala (San Jose State University, California)

The conference received 106 valid submissions, with the Program Committee accepting 16 full papers (15% acceptance rate) and 12 short papers, resulting in an overall acceptance rate of 26% for both full and short papers. With such a highly competitive selection, you can expect an exciting and intellectually stimulating conference program!

Register for participation at
https://scis.uohyd.ac.in/confs/bda-2024/registration.html
or **Scan the QR code**

Earlybird Registration Deadline – 30/11/2024

BDA 2024 Secretariat:
Satish Narayana Srirama
(University of Hyderabad)
Email: bda2024@uohyd.ac.in
Website: https://scis.uohyd.ac.in/~bda2024/