



AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

Presents

| 2ND to 3RD MAR.

InCITe - 2023

INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY

DECISION INTELLIGENCE: TRANSFORM YOUR WORLD



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PROGRAM SCHEDULE

Day 1: Thursday, March 2, 2023

09:15 AM - 9:45 AM (Room 1: F3 Seminar Hall)

Keynote Talk : Building Modular Distributed Computer Music Applications with O2

Prof. (Dr.) Roger B. Dannenberg, Professor Emeritus of Computer Science, Art & Music, Carnegie Mellon University, USA

09:15 AM - 9:45 AM (Room 2: F3 MDP)

Keynote Talk : Recent Directions and Advances in Robotics and Automation

Prof. (Dr.) Tarek Sobh, President, Lawrence Technological University, Distinguished Professor and Dean of Engineering Emeritus, University of Bridgeport, USA

09:45 AM - 10:15 AM (Room 1: F3 Seminar Hall)

Keynote Talk : On Data Interoperability, Reliability and Image Processing in IoT

Prof. (Dr.) Mario Jose Divan, Sr. Solutions Architect and Service Lead, Intel Corporation, USA

09:45 AM - 10:15 AM (Room 2: F3 MDP)

Keynote Talk : Bringing Order to the Internet of Things: Research Activities and Future Directions

Prof. (Dr.) Michael Sheng, Macquarie University, Australia

10:20 AM - 12:05 PM (I2 - Moot Court)

INAUGURAL SESSION

12:05 PM - 12:15 PM

High Tea

12:15 PM- 01:15 PM (Room 1: F3 Seminar Hall)

Women in Engineering: Your Innovative Journey as Woman Technocrat

- Ms. Deepa Kaul, CIO, Sopra Steria
- Ms. Vertika Misra, Director of Public Policy, NASSCOM
- Ms. Sarbani Maiti, Vice President, Veersa Technologies
- Ms. Smita Gupta, Asst. General Manager, Engineers India Ltd.

12:15 PM- 12:45 PM (Room 2: F3 MDP)

Keynote Talk : Generative AI – status, issues, quo vadis?

Prof. (Dr.) Jean-Paul Van Belle, University of Cape Town, South Africa

12:15 PM- 1:15 PM (F3 LG-04-B)

Paper Presentation Track 1: Decision Intelligence and Data Science - I

- Session Chair : Dr Pradeep Tomar, Gautam Buddha University, Greater Noida
- Session Co-chair : Dr. Deepti Mehrotra, Amity University Uttar Pradesh, Noida

PROGRAM SCHEDULE

ID 83 The Development of Internet of Things Skills to Enhance Youth Employability in Developing Countries: A Systematic Literature Review

Sijabuliso Khupe and Marita Turpin, University of Pretoria, South Africa

ID 45 Cancer Hotspot Identification and Analysis: A Scan Statistics Approach

Sonia Kaindal, Venkataramana B and Jitendra Kumar, Vellore Institute of Technology, Tamil Nadu

ID 466 Predict Pawpularity Score of Pets using State of Art Algorithms

Abhigya Verma, Astha Bhaskar, Pooja Gera and Shweta Singhal, Indira Gandhi Delhi Technical University for Women, New Delhi

ID 288 Automatic title generation with attention-based LSTM

Dhilsath Fathima M, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Tamil Nadu

ID 52 Strategies for the Adoption of AI Technologies in the South African Wine and Fruit Industries

Robert Walton, Jean-Paul Van Belle and Nitasha Hasteer, University of Cape Town, South Africa

ID 72 Factors Influencing the Use of a Soccer Team's Mobile Application by Fans in South Africa

Athir Fayker and Jean-Paul Van Belle, University of Cape Town, South Africa

ID 308 Ansuni Baat

Jai Narain, Shivam Singh, Siddhant Srivastava and Purushottam Sharma, Amity University Uttar Pradesh, Noida

12:45 PM - 1:15 PM (Room 2: F3 MDP)

Session on Publication Ethics by Ms. Kamiya Khatter, Editor, Springer Nature

1:15 PM - 2:00 PM

LUNCH BREAK

02:00 PM - 02:30 PM (Room 1: F3 Seminar Hall)

Keynote Talk : People Powered Artificial Intelligence – Challenges and opportunities in navigating the ethical landscape of responsible innovation

Prof. (Dr.) Keeley A Crockett, Manchester Metropolitan University, UK

02:00 PM - 02:30 PM (Room 2: F3 MDP)

Keynote Talk : On the Need For Simple But Powerful Optimization Techniques

Prof. (Dr.) Christian Blum, Professor & Senior Research Scientist, Artificial Intelligence Research Institute, Spanish National Research Council, Spain

PROGRAM SCHEDULE

2:00 PM- 3:30 PM (F3 LG-04-B)

Paper Presentation Track 2: AI & Machine Learning for Decision Making

Session Chair: Dr Samanray, Professor & Head, G. B. Pant University of Agriculture and Technology, Uttrakhand

Session Co-chair : Dr. Saru Dhir, Amity University Uttar Pradesh, Noida

ID 36 Prediction of loan Approval of Customers Based on Credit Score using Machine Learning

Navya Gupta, Deeksha Sharma, Alka, Vrinda Aggarwal, Veronika Singh, Poonam Bansal and Kiran Malik, Indira Gandhi Delhi Technical University for Women, New Delhi

ID 61 SSATS - Enhancement of Semantic Similarity of Abstractive Text Summarization using Transformer

Thirisha R, Subarna Kiruthiga A, Arunkumar S and Felicia Lilian J, Thiagarajar College of Engineering, Tamil Nadu

ID 80 Time-series based prediction of Air Quality Index using various machine learning models

Ishita Pundir, Nitisha Aggarwal and Sanjeev Singh, University of Delhi, New Delhi

ID 82 Human Gender And Age Estimator Using Local And Global Features With Machine Learning

Jayaprada S. Hiremath and Shantkumar Patil, Sai Vidya Institute of Technology, Bangalore, Karnataka

ID 470 Comparative analysis of Balanced Code smell detection using machine learning

Meghna Sabharwal, Rashmi Gandhi, Aakankshi Gupta and Ishan Khan, Amity University Uttar Pradesh, Noida

ID 413 Machine Learning Approaches for Entity Extraction from Citation Strings

Vidhi Jain and Niyati Baliyan, Indira Gandhi Delhi Technical University for Women, New Delhi

ID 427 Effect of climate change on soil quality using a supervised machine learning algorithm

Ramdas Gore and Bharti Gawali, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra

ID 441 Design of Hybrid Energy Storage System for Renewable Energy Sources

Arockiaraj S, Mepco schlenk Engg college, Tamil Nadu

ID 380 Alzheimer's Disease Classification using Deep Learning Models

Rajathi N and Malavika G, Kumaraguru College of Technology, Coimbatore, Tamil Nadu

PROGRAM SCHEDULE

ID 180 An Artificial Voice Box That Makes Use of Unconventional Methods of Machine Learning

Raman Chadha, Sanjay Singhla and Nongmeikapam Thoiba, University Institute of Engineering, Chandigarh University, Chandigarh

02:30 PM - 03:00 PM (Room 1: F3 Seminar Hall)

Keynote Talk : Artificial Intelligence for Medical Data Analysis and Decision Support

Prof. (Dr.) Vincenzo Piuri, Professor, University of Milan, Italy

02:30 PM - 03:00 PM (Room 2: F3 MDP)

Keynote Talk : Problems of AI Hardware

Prof. (Dr.) Bhaskar Choubey, Siegen University, Germany

03:00 PM - 03:30 PM (Room 2: F3 MDP)

Keynote Talk : Next generation process mining

Prof. (Dr.) Jan Mendling, Einstein-Professor, Humboldt-University Berlin, Germany

03:00 PM - 05:00 PM (Room 1: F3 Seminar Hall)

Evolving Future of Work: How to get yourself hired

- Ms. Satinder Suri, Deputy Vice President - Talent Acquisition, SBI Card
- Mr. Kanishka Mallik, Senior Vice President - Talent Solutions, Coffee Mug
- Mr. Kanish Gaur, Founder & Chief Executive Officer, India Future foundation
- Mr. Gaurav Singh, Lead HR - India Ops, Global Payments Inc.(TSYS)

03:30 PM - 04:00 PM (Room 2: F3 MDP)

Keynote Talk : Dr. Raghu Ramakrishnan, Chief Architect & Technology Head, Government Business Unit, Tata Consultancy Services, India

04:00 PM - 04:30 PM (Room 2: F3 MDP)

Invited Talk : The importance of critical thinking skills in the field of Information Technology

Prof. (Dr.) Marita Turpin, University of Pretoria, South Africa

04:30 PM - 05:00 PM (Room 2: F3 MDP)

Keynote Talk : Framework for Multi Cloud Collaboration

Prof. (Dr.) Ashish Seth, Inha University Tashkent Uzbekistan

3:30 PM- 5:00 PM (F3 LG-04-A)

Paper Presentation Track 3: Intelligent System Design & Modeliing

Session Chair: Dr. Ranjit Rout, National Institute of Technology Srinagar

Session Co-chair : Dr. Monika Kaushik, Amity University Uttar Pradesh, Noida

PROGRAM SCHEDULE

ID 456 Community Detection Algorithms in Social Networks: An Empirical Evaluation

Law Kumar and Rajeev Kumar, Jawaharlal Nehru University, Delhi

ID 150 An automatic early alert system on detecting dozing driver

Indu Chawla, Archana Purwar, Shyam Agarwal, Sankalp Agrawal and Ria Ahlawat, Jaypee Institute of Information Technology, Noida

ID 370 Survey on the Effectiveness of Traffic Sign Detection and Recognition System

Pranav Patel, Vipul Vekariya, Jaimeel Shah and Brijesh Vala, Parul University, Gujarat

ID 424 Intelligent Waste Bot using Internet of Things and Deep Learning for a Smart City

Rudresh Shirwaikar, Yogini Lamgaonkar, Lyzandra D'Souza and Diksha Prabhu Khorjuvenkar, Agnel Institute of Technology and Design, Goa

ID 147 Calculation of Polarization Conversion Ratio (PCR) of proposed Polarization Conversion Metamaterials (PCM) used in Reduction of RCS Using AI Techniques for Stealth Technology

Ranjeet Prakash Rav, O P Singh and A K Singh, Amity University Lucknow

ID 421 Smart Traffic Monitoring System

A. Bragadeesh, S Harish and N.Sabiyath Fatima, B.S.A. Crescent Institute of Science and Technology, Chennai, Tamil Nadu

ID 214 A Novel IoT-based Arduino System for Client Health Monitoring Remotely: Monitoring, Interpreting, and Takes account of Basic Essential Markers

Prashant Vats, SGT University, Gurugram

ID 429 Human Eye Fixations prediction for Visual Attention using CNN - A Survey

Judy K George and Elizabeth Sherly, Digital University Kerala

ID 492 Comparative Analysis of Control Schemes for Fuel Cell System

Sadia Saman and Vijay Kumar Tayal, Amity University Uttar Pradesh Noida

3:30 PM- 5:00 PM (F3 LG-04-E)

Paper Presentation Track 4: Decision Intelligence and Data Science - II

Session Chair : Dr. Sandeep Sharma, Guru Nanak Dev University Amritsar, Punjab

Session Co-chair : Dr. Abhishek Srivastava, Amity University Uttar Pradesh, Noida

ID 39 AutoML Based IoT Application for Heart Attack Risk Prediction

Aishwarya Narasimhan, Yathishan D, Alageswaran Ramaiah and Manivannan D, Sastra University, Thanjavur, Tamil Nadu

ID 71 Continuous Integration and Continuous Deployment (CI/CD) Pipeline for the SaaS Documentation Delivery

Bishnu Shankar Satapathy, Siddhartha Sankar Satapathy, S. Ibotombi Singh and Joya Chakraborty, Tezpur University, Assam

PROGRAM SCHEDULE

ID 393 Digital Shopping Cart With Automatic Billing System

Puja Cholke, Phalesh Kolpe, Sanket Patil, Abhishek Pote and Siddhesh Patil,
Vishwakarma Institute of Technology, Pune

ID 472 ETL Data Pipeline to Analyze Scraped Data

Rashmi Gandhi, Sparsh Khurana and Harsh Manchanda, Amity University Uttar Pradesh,
Noida

ID 445 Efficient Net V2 Algorithm-Based NSFW Content Detection

Chayanika Arora, Akshat A, Aditya Saxena and Gaurav Raj, Sharda University, Greater
Noida

ID 288 Deadline Laxity And Load Imbalance Analysis For Energy Efficient Greedy, Semi-Greedy And Random Fog Scheduling

Savina Bansal, Rakesh Bansal and Nikita Sehgal, Giani Zail Singh Campus College of
Engg & Tech, Bathinda, Punjab

ID 81 Crop Prediction System Based on Soil and Weather Characteristics

Kajal Parmar, Priyanka Padhiyar and Naina Parmar, Devang Patel Institute of Advance
Technology and Research, Anand, Gujarat

ID 16 EDA and Predicting Customer's Response for Cross Sell Vehicle Insurance

Anand Jha, Jankisharan Pahareeya, Kirtiraj Bhatele and Sanjay Patsariya, Rustamji
Institute of Technology, Gwalior, Madhya Pradesh

ID 60 Real-Time Facial Mask Detection using Deep Learning

Aakankshi Gupta and Ayush Chauhan, Cognizant, Gurugram

ID 111 Predictive Analysis of Neurodegenerative and Chronic Fatigue disease

Jagriti Pal, Kumar Kriti, Rishi Raj and Nikita Verma, Sharda University, Greater Noida

ID 381 Brain pathology detection using Convolutional Neural Network From EEG signal

Kavitha M, Janet Cyndhiya J, Srinivasan R and Kavitha R, Vel Tech Rangarajan
Dr. Sagunthala R&D Institute of Science and Technology, Tamil Nadu

5:00 PM - 5:15 PM : High Tea

PROGRAM SCHEDULE

Day 2: Friday, March 3, 2023

9:15 AM - 09:45 AM (Room 1: F3 Seminar Hall)

Keynote Talk : Federated Learning for Data Privacy

Prof. (Dr.) Gautam Srivasatava, Professor, Brandon University, Canada

9:15 AM - 09:45 AM (Room 2: F3 MDP)

Keynote Talk : Novel Applications in the Area of Computational Ethics for Natural Language Processing

Prof. (Dr.) Vijay Mago, Lakehead University, Canada

9:45 AM - 10:15 AM (Room 1: F3 Seminar Hall)

Keynote Talk : A Machine Learning Approach for Predicting the Multivariate Performance Phenotype

Dr. Avdesh Mishra, Texas A&M University - Kingsville, USA

9:45 AM - 10:15 AM (Room 2: F3 MDP)

Keynote Talk : AI for modelling human perceptions - Consensus decision making in complex participatory Systems.

Dr. Sandhya Samarasinghe, Professor & Head, Complex Systems, Big Data and Informatics Initiative (CSBII), Lincoln University, New Zealand

9:30 PM- 11:00 AM (F3 LG-04-B)

Paper Presentation Track 5: Image Processing and Cognition Systems

Session Chair : Dr. Jagdeep kaur, National Institute of Technology Jalandhar

Session Co-chair : Dr. Sujata Pandey, Amity University Uttar Pradesh, Noida

ID 197 State of art review on Medical Image Classification techniques

Abhishek Bose and Ritu Garg, National Institute of Technology, Kurukshetra, Haryana

ID 439 Differential Evolution Image Contrast Enhancement using Clustering

Samiksha Yadav, Ankita, Shweta Singhal and A.K. Mohapatra, Indira Gandhi Delhi Technical University for Women, New Delhi

ID 224 A Study of Feature-Based and Pixel-Level Image Fusion Techniques

Kapil Joshi, Uttaranchal University, Uttranchal

ID 372 Breast Cancer Detection Using Restricted Boltzmann Machine and Autoencoder (RBM-AE) in PET scan

J Lece Elizabeth Rani, M. P. Ramkumar and G. S. R. Emil Selvan, Thiagarajar College of Engineering, Madurai, Tamil Nadu, India

ID 211 Crop Classification based on Multispectral and Multitemporal images using CNN and GRU

Sagana C, Manjula Devi R, Mugilan Darmalingam, Thangatamil M, Chandeeep G, Charanraj T and Cibikumar M. V, Kongu Engineering College, Tamil Nadu

PROGRAM SCHEDULE

ID 378 COVID-19 (COV19) spreading diagnoses method by feature representation through visual learning (FVisL-CoV19)

Vijayalakshmi Kakulapati and Jayanthiladevi A, Institute of Computer Science and Information Science, Srinivas University, Mangaluru, Karnataka

ID 174 Reversible Image Steganography to Achieve Effective PSNR

Mohammad Gauhar Nayab, Ritik Sharma, Aditya Pratap Singh and Gaurav Raj, Sharda University, Greater Noida

ID 388 CNN-based Adversarial Embedding for Image Steganography

Amit Rathi, Aditya Agarwal, Saptarshi Gupta, Minakshi Sanadhya, Arun Kumar and Abhilasha Singh, SRM Institute of Science and Technology, SRM Institute of Science and Technology, Delhi-NCR campus

ID 434 A Survey on Brain Tumor Segmentation with Missing MRI Modalities

Deep Shah, Amit Barve, Brijesh Vala and Jay Gandhi, Parul Institute of Engineering and Technology, Parul university, Gujarat

ID 75 Semantic Segmentation of Optical Satellite Images

Yashasvi Mehta, Vijay Katkar and Shobhitkumar Patel, Marwadi University, Gujarat

ID 448 Designing Hybrid Image Fusion Algorithm Using CNN and Stationary Wavelet Transform

Rishabh Sharma and Ashok Kumar Yadav, Amity University Uttar Pradesh, Noida

10:15 AM - 10:45 AM (Room 1: F3 Seminar Hall)

Keynote Talk : Adaptive Incremental Learning for Software Reliability Growth Model

Dr. Vidhyashree Nagaraju, University of Tulsa, USA

10:15 AM - 10:45 AM (Room 2: F3 MDP)

Keynote Talk : Deep Learning and Neural Networks for Medical Imaging

Dr. Ayush Goyal, Texas A&M University - Kingsville, USA

10:45 AM - 11:15 AM (Room 1: F3 Seminar Hall)

Keynote Talk : Neural networks can predict the future - or can they?

Prof. (Dr.) Sean Mcloone, Director, Centre for intelligent and Autonomous Manufacturing Systems, Queen's University Belfast UK

10:45 AM - 11:15 AM (Room 2: F3 MDP)

Keynote Talk : Parallel Algorithms for Community Detection in Large-Scale Networks

Dr. Maleq Khan, Texas A&M University - Kingsville, USA

11:15 AM - 11:25 AM : High Tea

11:15 AM - 11:45 AM (Room 1: F3 Seminar Hall)

Invited Talk Data Intelligence for Decision Making

Mr. Nikhil Arora, Director, Data Intelligence, S&P Global

PROGRAM SCHEDULE

11:15 AM - 11:45 AM (Room 2: F3 MDP)

Invited Talk : A Glimpse of Classification Techniques

Dr. Tanmoy Hazra, Indian Institute of Information Technology, Pune, India

11:45 AM - 12:15 PM (Room 1: F3 Seminar Hall)

Keynote Talk : Artificial Intelligence, Robots, and Automation in Health and Health Informatics: Emerging Technologies, Game Theory Mathematics, Programming, and the Future Opportunities and Concerns

Prof. (Dr.) Sardar M. N. Islam, Professor, Victoria University, Australia

11:45 AM - 12:15 PM (Room 2: F3 MDP)

Keynote Talk : Data Mining With Fuzzy Sets

Prof. (Dr.) Tzung-Pei Hong, National University of Kaohsiung, Taiwan

11:15 AM- 1:00 PM (F3 LG-04-B)

Paper Presentation Track 6: Intelligent Networks and Security

Session Chair : Dr. Mukesh Mann, IIIT Sonapat, Haryana

Session Co-chair : Dr. S K Sinha, Amity University Uttar Pradesh, Noida

ID 37 An Overview of Security Issues in IoT-Based Smart Healthcare Systems

Shambhu Sharan, Amita Dev and Poonam Bansal, Indira Gandhi Delhi Technical University for Women, New Delhi

ID 433 Dual Band Open Slot and Notch Loaded Bandwidth Enhanced Microstrip Patch Antenna for IoT/WiMAX/WLAN Applications

Ramesh Kumar Verma, Dheeraj Tripathi, Akanksha Gupta, Maninder Singh and Akhilesh Kumar, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh

ID 317 Radio Frequency based Energy Harvesting Model for IoMT device

Angkurita Roy, Noorafsha Tahseen and Nabajyoti Medhi, Tezpur University, Assam

ID 79 Secure & Trusted Framework for Cloud Services Recommendation- A Systematic Review

Urvashi Rahul Saxena, Parth Sharma, Gaurav Gupta and Mihir Sahai, JSS Academy of Technical Education, Noida

ID 262 Catch Your Session,Track Your Pulse e-health service using blockchain

Sharmili Nukapeyi, Chandu K., Harshitha J.N.V.S, Aishwarya B and Kumari B, GVP College of Engineering for Women, Andhra Pradesh

ID 282 A Blockchain Based Management System for Product Tracing and Tracking in the Supply Chain

Priyanka Nandal, Maharaja Surajmal Institute of Technology, New Delhi

PROGRAM SCHEDULE

ID 436 A Comparative Review on Channel Allocation and Data Aggregation Techniques for Convergecast in Multichannel Wireless Sensor Networks

Vishav Kapoor and Daljeet Singh, Lovely Professional University, Punjab

ID 500 Novel Approach For Network Anomaly Detection Using Autoencoder on CICIDS Dataset

Richa Singh, Nidhi Srivastava and Ashwani Kumar, Amity University Lucknow

ID 479 A Survey of Green Smart City Network Infrastructure

Shraddha Gupta and Ugrasen Suman, Devi Ahilya Vishwavidhyalaya, Indore, Madhya Pradesh

ID 488 DDoS attack detection using Machine Learning

Swati Jadhav, Shruti Singh, Akash Sinha, Vishal Sirvi and Shreyansh Srivastava, Vishwakarma Institute of Technology, Pune

ID 190 Deep Belief Network Algorithm-Based Intrusion Detection System in Internet of Things Environments

Geetha C and Neelakandan S, R.M.K. Engineering College, Tamil Nadu

ID 103 Efficient Routing Techniques in Wireless Sensor Networks Using Machine Learning Approach

Rahul Nawkhare and Daljeet Singh, Lovely Professional University, Punjab

ID 505 Automatic data generation for Aging Related Bugs in Cloud Oriented Softwares

Harguneet Kaur and Arvinder Kaur, Guru Gobind Singh Indraprastha University, New Delhi

ID 504 An empirical study to investigate class imbalance issue for improving security bug report classification prediction.

Rashmi Arora and Arvinder Kaur, Guru Tegh Bahadur Institute of Technology, New Delhi

ID 176 A Mobile application for Currency Denomination Identification for Visually Impaired

Kasarapu Ramani, Irala Suneetha, Nainaru Pushpalatha, K. Balaji Nanda Kumar Reddy and P Harish, Mohan Babu University, Andhra Pradesh

12:15 PM - 12:45 PM (Room 1: F3 Seminar Hall)

Invited Talk : So you want to be an eCommerce entrepreneur?

Dr. Adheesh Budree, University of Cape Town, South Africa

12:15 PM - 12:45 PM (Room 2: F3 MDP)

Keynote Talk : Advances on AI models for Natural Language Understanding and Generative Model-Based Text-to-Speech Synthesis

Dr. Dimitrios A Karras, National and Kapodistrian University of Athens, Greece

PROGRAM SCHEDULE

11:30 AM - 01:00 PM (F3 LG-04-A)

PhD Symposium

Session Chair : Dr. Arun Sharma, Indira Gandhi Delhi Technical University for Women, New Delhi

Session Co-chair : Dr. Purushottam Sharma, Amity University Uttar Pradesh, Noida

01:00 PM - 1:30 PM

LUNCH BREAK

01:30 PM - 03:00 PM (F3 LG-04-B)

Paper Presentation Track 7: Decision Intelligence and Data Science - III

Session Chair: Dr. Anjali Sharma, NPL, CSIR

Session Co-chair : Dr. P M Tiwari, Amity University Uttar Pradesh, Noida

ID 291 A Review of Deep Learning Algorithms for Early detection of oral mouth cancer

Yomesh Sharma and Jagdeep Kaur, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab

ID 322 Malware Detection Using Deep Learning

Mridul Vohra and Anushka Tiwari, Amity University Uttar Pradesh Noida

ID 418 Investigating Robotic Process Automation adoption in South African banking

Adheesh Budree and Mark Tew, University of Cape Town, South Africa

ID 319 Predictive Analysis of Road Accidents using Data Mining and Machine Learning

Abhinav Kumar, Prasuk Jain, Harshit Arora, Sunil Kumar Chowdhary and Anu Ranjana, Amity University Uttar Pradesh Noida

ID 38 Carbon Nanotubes as Interconnects: A Short Review on Modelling and Optimization

Gaurav Mitra, Vangmayee Sharda and Ruchi Sharma, Bharati Vidyapeeth College Of Engineering, New Delhi

ID 320 Music Generation Using Deep Learning

Ruchir Shiromani, Tanisha Mittal and Anju Mishra, Amity University Uttar Pradesh Noida

ID 491 Leveraging Machine Learning Algorithms for Fraud Detection and Prevention in Digital Payments: A Cross Country Comparison

Ruchika Gupta, Priyank Srivastava, Harish Kumar Taluja, Sanjeev Kumar Sharma, Sanatan Ratna, Shyamal Samant and Aparna Sharma

ID 447 Hybrid Sign Language Interpreter Development Using Machine Learning Approach

Dev Walia, Himanshu Jakhmola, Akull Nainwal and Sanjay Dubey, Amity University Uttar Pradesh

ID 473 Deep Learning based segmentation approach for cervical cancer detection using pap smears

Sagar C V, Harshit Bhardwaj and Anupama Bhan, Amity University Uttar Pradesh Noida

PROGRAM SCHEDULE

1:30 PM - 02:00 PM (Room 2: F3 MDP)

Keynote Talk : Graph learning for anomaly detection in remote health monitoring

Dr Samaneh Kouchaki, University of Surrey, UK

02:00 PM - 03:00 PM (Room 1: F3 Seminar Hall)

ChatGPT : A Threat to Human Jobs or Tool Towards Excellence

- Mr. Rohit Bharath Das, Partner, Grant Thornton Bharat LLP
- Mr. Shaakun Khanna, Vice President, Oracle Corporation
- Mr. Amit Narula, Global IT Senior Director -Cloud & Infrastructure, Boston Consulting Group (BCG)
- Mr. Keerthi Lal, Vice President, Elcom Innovations and Senior Advisor Sun Group Global
- Mr. Sameer Nigam, CEO, Stratbeans Consulting

2:00 PM - 02:30 PM (Room 2: F3 MDP)

Keynote Talk : Small Can Be Powerful

Dr. Zhongfei (Mark) Zhang, Professor, Binghamton University, USA

02:30 PM - 03:00 PM (Room 2: F3 MDP)

Keynote Talk : Deep Computer Audition: The Next Level

Prof. (Dr.) Bjorn W. Schuller, Imperial College, London U.K.

02:30 PM - 03:00 PM (Room 3: F3-LG-04)

Keynote Talk :A Maturity Model for Hospital Information Systems

Prof. (Dr.) Alvaro Rocha, ISEG, University of Lisbon, Portugal

03:15 PM - 05:00 PM

VALEDICTORY FUNCTION

5:00 PM - 5:15 PM : High Tea

Link to Join: <https://virtualevents.amizone.net/>



Distinguished Speakers
of
InCITe 2023

Distinguished Speakers of InCITe 2023



Dr. Tarek Sobh

President, Lawrence Technological University USA

Dr. Tarek M. Sobh received B.Sc. in Engineering with honors in Computer Science and Automatic Control, from Alexandria University, Egypt in 1988. He also received M.S. and Ph.D. degrees in Computer and Information Science from the School of Engineering, University of Pennsylvania in 1989 and 1991, respectively. He is currently the President and Professor of Electrical and Computer Engineering at Lawrence Technological University (LTU), Michigan. He is a Distinguished Professor and Dean of Engineering Emeritus at the University of Bridgeport (UB), Connecticut. Dr. Sobh served on the editorial boards of 18 journals and has served as Chair, Technical Program Chair, and on the program committees of over 300 international conferences and workshops in the Robotics, Automation, Sensing, Computing, Systems, Control, Online Engineering, and Engineering Education areas. Dr. Sobh has presented more than 150 keynote speeches, invited talks and lectures, colloquia, and seminars at research meetings, University departments, research centers, and companies. His current research and development activities include work on tolerance representation and determination for inspection and manufacturing, hybrid controllers for robotics and automation, service robots, prototyping and synthesis of controllers, simulators, and monitors for manipulators, autonomous navigation, evolutionary robotics, algorithms for uncertainty computation from sense data, and web-based prototyping, control synthesis, and simulation of robots.

Distinguished Speakers of InCITe 2023



Dr. Bjorn W. Schuller

Professor, Imperial College London, UK

Dr. Bjorn W Schuller earned his diploma, doctorate, habilitation, and appointment as Adjunct Teaching Professor in Machine Intelligence and Signal Processing from TUM in Munich, Germany. He is a Full Professor of Artificial Intelligence and the Head of GLAM at Imperial College London, UK as well as a Full Professor and Chair of Embedded Intelligence for Health Care and well-being at the University of Augsburg/Germany. He also works as the co-founder and current CSO of audEERING, an Audio Intelligence company based near Munich and in Berlin/Germany. Among other things, he is an independent research leader within the Alan Turing Institute and Royal Statistical Society Lab's Data, Analytics, and Surveillance Group, as part of the UK Health Security Agency, and a permanent Visiting Professor at HIT/China. Sir is a Fellow of the IEEE and a Golden Core Awardee of the IEEE Computer Society, a Fellow of the BCS, a Fellow of the ISCA, a President-Emeritus of the AAAC, and a Senior Member of the ACM. He has written and co-written over 1,200 publications. He is the Field Chief Editor of Frontiers in Digital Health and was the Editor in Chief of IEEE Transactions on Affective Computing, among many other community commitments and services. In 2015, the World Economic Forum named him one of 40 extraordinary scientists under the age of 40. He has been the Coordinator/PI on over 15 European projects, is an ERC Starting and DFG Reinhart-Koselleck Grantee, and has worked as a consultant for companies such as Barclays, GN, Huawei, Informetix, and Samsung.

Distinguished Speakers of InCITe 2023



Prof. Dr. Jan Mendling

Einstein-Professor

Humboldt-University Berlin, Germany

Dr. Jan Mendling is the Einstein Professor of Process Science with the Department of Computer Science at Humboldt-University Berlin, Germany. His research interests include various topics in business process management and information systems. He has published more than 450 research papers and articles, among others in Management Information Systems Quarterly, ACM Transactions on Software Engineering and Methodology, IEEE Transactions on Software Engineering, and the Journal of the Association of Information Systems and Decision Support Systems. He is a department editor for Business and Information Systems Engineering and a member of the board of the Austrian Society for Process Management. One of the founders of the Berlin BPM Community of Practice, organizer of several academic events on process management, and a member of the IEEE Task Force on Process Mining. He is co-author of the textbooks Fundamentals of Business Process Management, Second Edition, and Wirtschaftsinformatik, 12th Edition, which are extensively used in information systems education.

Distinguished Speakers of InCITe 2023



Dr. Sean McLoone

Director

Centre for Intelligent Autonomous Manufacturing Systems
Professor, School of Electronics, Electrical Engineering and
Computer Science Queen's University Belfast, UK

Dr. Sean McLoone is a director of the Centre for Intelligent Autonomous Manufacturing Systems (i-AMS), an interdisciplinary pioneer research program established in the Faculty of Engineering and Physical Sciences in QUB in 2016. He has an interest in autonomous robotics and was a founding member of Robo Eireann, an interdisciplinary team of researchers at NUI Maynooth that compete annually in the NAO robot standard platform league of Robocup. Prof McLoone's research interests are in the general area of intelligent systems with a particular focus on data-based modeling and analysis of dynamical systems. This encompasses techniques ranging from classical system identification, fault diagnosis, and statistical process control to modern artificial intelligence and biologically inspired adaptive learning algorithms and optimization techniques. His research has a strong application focus, with many projects undertaken in collaboration with the industry in areas such as process monitoring, control, optimization, time series prediction, and in-line sensor characterization. He is a member of the IFAC Technical Committees on Computational Intelligence in Control, and Modelling, Identification and Signal Processing, a member of the IET Academic Accreditation Committee, and a past Member of the Accreditation Board of Engineers Ireland. He is currently an Associate Editor for the Transactions of the Institute of Measurement and Control and serves on the Editorial Board of Engineering Applications of Artificial Intelligence.

Distinguished Speakers of InCITe 2023



Dr. Jean-Paul Van Belle

Professor & Director of the Centre for IT and National Development in Africa, University of Cape Town South Africa

Dr. Jean-Paul Van Belle is a professor of information technology and has been Director at the Centre for Information Technology and National Development in Africa at the University of Cape Town. He was head of the department of Information Technology at the University of Cape Town from 2008 to 2011. His research areas include the adoption and use of emerging technologies in developing world contexts including mobile, cloud computing, open and big data. His passions are ICT4D – with a focus on emerging technologies as well as data for development (D4D) in an SDG context – and adoption of ICTs by small organisations. He has over 200 peer-reviewed publications including 25 chapters in books and about 40 refereed journal articles. In 2012 he established the UCT-Samsung Mobile Innovation Lab at the University of Cape Town.



Dr. Roger B. Dannenberg

Emeritus Professor
Carnegie Mellon University, USA

Dr. Roger B. Dannenberg is a Professor Emeritus of Computer Science, Art & Music. He received a Ph.D. in Computer Science from Carnegie Mellon University in 1982. He is internationally known for his research in the field of computer music. His current work includes live music performances with artificial computer musicians, interactive media, high-level languages for sound synthesis, and computer support of curriculum design. He is the chief science officer for Music Prodigy and a cocreator of Audacity, an open-source audio editor that has been downloaded more than 300 million times. Dr. Dannenberg is also a trumpet player and composer. He has performed in concert halls ranging from the historic Apollo Theatre in Harlem to the modern Espace de Projection at IRCAM in Paris.

Distinguished Speakers of InCITe 2023



Dr. Zhongfei (Mark) Zhang

Professor

Binghamton University, USA

Dr. Zhongfei Zhang is a professor at the Computer Science Department, Binghamton University, State University of New York (SUNY), USA. He received a B.S. in Electronics Engineering (with Honors), an M.S. in Information Sciences, both from Zhejiang University, China, and a Ph.D. in Computer Science from the University of Massachusetts at Amherst, USA. His research interests are in the broad areas of machine learning, data mining, computer vision, and pattern recognition, and specifically focuses on multimedia/multimodal data understanding and mining. He was on the faculty of Computer Science and Engineering at SUNY Buffalo before he joined the faculty of Computer Science at SUNY Binghamton. He is the author or co-author of the very first monograph on multimedia data mining and the very first monograph on relational data clustering. He has published over 200 papers in the premier venues in his area. He holds more than thirty inventions and has served as a member of organization committees of several premier international conferences in his areas including general co-chair and lead program chair, and as editorial board members for several international journals. He served as a French CNRS Chair Professor of Computer Science at the University of Lille 1 in France, a JSPS Fellow at Chuo University, Japan, a QiuShi Chair Professor at Zhejiang University, China, as well as several visiting professorships from many universities and research labs in the world when he was on leave from Binghamton University years ago. He received many honors including SUNY Chancellor's Award for Scholarship and Creative Activities, SUNY Chancellor's Promising Inventor Award, and best paper awards from several premier conferences in his area. He is an IEEE Fellow.

Distinguished Speakers of InCITe 2023



Dr. Tzung-Pei Hong

Professor

National University of Kaohsiung, Taiwan

Tzung-Pei Hong received his Ph.D. degree in computer science and information engineering from National Chiao-Tung University in Taiwan in 1992. He was an associate professor at Chung-Hua Polytechnic Institute and I-Shou University. He served as the director of the library and computer center, the dean of academic affairs, and the vice president, and is currently a distinguished professor at the Department of Computer Science and Information Engineering at the National University of Kaohsiung, Taiwan. He has published more than 600 research papers in international/national journals and conferences and has planned more than fifty information systems. His current research interests include data mining, artificial intelligence, soft computing, and information system.

Distinguished Speakers of InCITe 2023



Dr. Christian Blum

Senior Research Scientist
Artificial Intelligence Research Institute
Spanish National Research Council, Spain

Dr. Christian Blum currently holds the permanent post of Senior Research Scientist at the Artificial Intelligence Research Institute (IIIA) of the Spanish National Research Council (CSIC) in Bellaterra, Spain. Before that, from 2012 to 2016, he was an Ikerbasque Research Professor at the University of the Basque Country in San Sebastian, Spain. Dr. Blum obtained a Ph.D. in Applied Sciences from the Free University of Brussels in 2004. His main research interests are in swarm intelligence techniques for optimization and control, and the hybridization of metaheuristics with other techniques for large-scale optimization problems arising, for example, in bioinformatics or transportation. In total, his work has currently received around 18000 citations, and his current H-index is 43 (Google Scholar). Apart from acting as editor for the journal *Computers & Operations Research* (responsible for heuristics and metaheuristics), he currently is also an associate editor for journals such as the *Artificial Intelligence Journal* and *Engineering Applications of Artificial Intelligence*. Moreover, he is on the editorial board of several additional journals. He is a co-founder of the international workshop series on Hybrid Metaheuristics. During his career, he has won most prestigious awards he received are the IEEE Transactions on Evolutionary Computation (IEEE TEC) Outstanding Paper Award and the SEIO-BBVA award 2021 for the best methodological contribution in Operations Research (Spanish national award). Concerning student supervision, he has received an award as director of the thesis that won the first prize at the "Certamen Arquímedes" (Spanish national competition).

Distinguished Speakers of InCITe 2023



Dr. Keeley A Crockett

Professor

Manchester Metropolitan University, UK

Keeley Crockett SMIEEE SFHEA is a Computational Intelligence Professor at Manchester Metropolitan University (MMU). She holds a BSc (Hons) in Computation from UMIST and a Ph.D. in Fuzzy Decision Trees from MMU. She directs the Centre for Advanced Computational Science's Machine Intelligence, Data, and AI Ethics themes. Her research interests include AI ethics, fuzzy systems, AI psychological profiling, semantic similarity, etc. She received several research grants between 2015 and 2021, including two EU Horizon 2020 grants. She is currently the Principal Investigator on the EPSRC Grant "PEAs in Pods: Coproduction of community-based public engagement for data and AI research." She is also the Co-I on The Alan Turing Institute's People-powered AI: Responsible research and innovation through community ideation and involvement. She is currently the Chair of the IEEE Task Force on the Ethical and Social Implications of Computational Intelligence, the Chair of the IEEE Computational Intelligence Diversity and Inclusion subcommittee, and the Co-Chair of the IEEE Women in Engineering Educational Outreach. Keeley is an associate editor for IEEE Transactions on Emerging Topics in CI, IEEE Transactions on AI, IEEE Transactions on Fuzzy Systems, and IEEE Computational Intelligence Magazine. She served as the General Co-Chair of the IEEE SSCI 2021 - IEEE Symposium Series on Computational Intelligence. She has overseen the completion of 28 PhDs and has examined 12 PhDs both in the UK and internationally.

Distinguished Speakers of InCITe 2023



Dr. Vincenzo Piuri
Professor
University of Milan, Italy

Dr. Vincenzo Piuri received his Ph.D. in computer engineering at the Polytechnic of Milan, Italy (1989). He is a Full Professor in computer engineering at the University of Milan, Italy (since 2000). He has been an Associate Professor at the Polytechnic of Milan, Italy, and Visiting Professor at the University of Texas at Austin, USA, and visiting researcher at George Mason University, USA. His main research interests are artificial intelligence, computational intelligence, intelligent systems, machine learning, pattern analysis and recognition, signal and image processing, biometrics, intelligent measurement systems, industrial applications, digital processing architectures, fault tolerance, cloud computing infrastructures, and internet-of-things. Original results have been published in 400+ papers in international journals, proceedings of international conferences, books, and book chapters. He received the IEEE Instrumentation and Measurement Society Technical Award (2002) and the IEEE TAB Hall of Honor (2019).

Distinguished Speakers of InCITe 2023



Dr. Mario Jose Divan

Sr. Solution Architect and Service Lead
Intel Corporation, USA

Dr. Divan received an engineering degree in Information Systems from the National Technological University -NTU- (Argentina) in 2003, while he holds a specialty in managerial engineering from the NTU (Argentina) in 2004, a specialty in data mining and knowledge discovery in databases from the University of Buenos Aires (Argentina) in 2007, and a specialty on high-performance and grid computing from the National University of La Plata -NULP- (Argentina) in 2011. He obtained his Ph.D. in Computer Science in 2012 from the NULP (Argentina).

He is a Full-Professor from the National University of La Pampa (Argentina), head of the Data Science Research Group, an Honorary Professor from Amity Institute of Information Technology (Noida, India), Vice-Chair at IEEE R9-Argentina Computational Intelligence Society, and a Visiting Professor in many Universities.

His interest areas lie in data science, data stream, stream mining, high-performance computing, big data, Internet-of-Thing, and measurement.

Distinguished Speakers of InCITe 2023



Dr. Ashish Seth

Professor

Inha University Tashkent, Uzbekistan

Dr. Ashish Seth is an author, researcher, teacher, and consultant. He has been into academics for more than 17 years and has exposure to working in various roles and responsibilities.

He has published research papers in reputed journals like ACM, ISTE, WSEAS, Inderscience, IEEE, Springer, etc. He is a senior member of IEEE and an active member of international societies like ACM, CSI, IACSIT, IAENG, etc. Sir holds a Technical Review Committee and Editorial Review Board for many national and International Journals of Computer Science. Sir has been participating in and organizing seminars, conferences, workshops, expert lectures, and technical events to share knowledge among academicians, and researchers and to promote opportunities for new researchers. He is also an ACM distinguished speaker and has delivered many lectures and provided training programs for students and faculties on various areas of computer science. His interest includes information systems, data science, soft computing, cloud computing, and blockchain technologies.

Distinguished Speakers of InCITe 2023



Dr. Dimitrios A. Karras

Professor

National and Kapodistrian, University of Athens, Greece

Dr. Dimitrios A. Karras received his Diploma and M.Sc. Degree in Electrical and Electronic Engineering from the National Technical University of Athens (NTUA), Greece in 1985, and a Ph.D. in Electrical Engineering, from the NTUA in 1995, with honors. From 1990 and up to 2004 he collaborated as visiting professor and researcher with several universities and research institutes in Greece. Since 2004, after his election, he has been with the Sterea Hellas Institute of Technology, Automation Dept.

He is an Associate Prof. in Digital and Intelligent Systems, Signal Processing, at the National & Kapodistrian University of Athens, Greece, School of Science, Dept. General as well as adjunct Assoc. He has published more than 70 research-refereed journal papers in various areas of intelligent and distributed/multiagent systems, pattern recognition, image/signal processing, and neural networks as well as in bioinformatics and more than 185 research papers in International refereed scientific Conferences.

His research interests span the fields of intelligent and distributed systems, multiagent systems, pattern recognition and computational intelligence, image and signal processing and systems, biomedical systems, communications, and networking as well as security. He has served as a program committee member as well as program chair and general chair in several international workshops and conferences in the fields of signal, image, communication, and automation systems. He is, also, a former editor-in-chief (2008-2016) of the International Journal in Signal and Imaging Systems Engineering, academic editor in the TWSJ, ISRN Communications, and the Applied Mathematics Hindawi journals as well as associate editor in various scientific journals, including CAAI, IET.

Distinguished Speakers of InCITe 2023



Dr. Raghu Ramakrishnan

Chief Architect & Technology Head, Government Business Unit,
Tata Consultancy Services

Dr. Raghu Ramakrishnan is currently working as Chief Architect & Technology Head, Government Business Unit of Tata Consultancy Services. He is a technical professional with close to three decades of experience and a proven track record of designing, implementing and running large scale mission critical software systems. He has served as Technical Architect of numerous prestigious National & International projects. Few National projects worth mentioning are, Army Wide Area Network, Passport Seva Project for which he was presented with Certificate of Special Appreciation from Indian Army and Ministry of External Affairs.

Dr. Raghu has completed his M.S (Information Technology) from BITS Pilani, in the year 1993 with Bhamashah Gold Medal for Academic Excellence. While in job, he continued his academic journey and completed M.Tech (Information Technology) in the year 2011 from Guru Gobind Singh Indraprastha University and was awarded Gold Medal. He has completed his PhD from Indraprastha University. He has presented and published various research papers in reputed international conferences and SCI indexed journals.

Dr. Raghu is a technology enthusiast and experiments with most of the open-source platforms and programming languages. He is an active hackathon participant and has won several awards, the most recent being the runner up position in ISB Datathon Case Competition 2021.

Distinguished Speakers of InCITe 2023



Dr. Michael Sheng

Professor & Head

School of Computing, Macquarie University, Australia

Dr. Michael Sheng is a full Professor and Head of School of Computing at Macquarie University. Before moving to Macquarie, Michael spent 10 years at School of Computer Science, the University of Adelaide (UoA), serving in a number of senior leadership roles including acting Head and Deputy Head of School of Computer Science. Michael holds a PhD degree in computer science from the University of New South Wales (UNSW) and did his post-doc as a research scientist at CSIRO ICT Centre. From 1999 to 2001, Michael worked at UNSW as a visiting research fellow. Prior to that, he spent 6 years as a senior software engineer in industries.

Dr. Michael Sheng is ranked by Microsoft Academic as one of the Most Impactful Authors in Services Computing (ranked Top 5 All Time) and in Web of Things (ranked Top 20 All Time). He is the recipient of the AMiner Most Influential Scholar Award on IoT (2007-2017), ARC Future Fellowship (2014), Chris Wallace Award for Outstanding Research Contribution (2012), and Microsoft Research Fellowship (2003). Prof Michael Sheng is Vice Chair of the Executive Committee of the IEEE Technical Community on Services Computing (IEEE TCSVC), the Associate Director (Smart Technologies) of Macquarie's Smart Green Cities Research Centre, and a member of the ACS Technical Advisory Board on IoT.

Dr. Michael Sheng's research team, funding, publications, research profile and professional activities.

Distinguished Speakers of InCITe 2023



Dr. Sardar M. N. Islam

Professor

Victoria University, Australia

Dr. Sardar M. N. Islam (Naz) is a Professor, ISILC, & Director of the Decision Sciences and Modelling Program; at Victoria University, Australia. He is a Distinguished Visiting Professor of Artificial Intelligence, UnSri, and a Distinguished Visiting Professor, at AURAK.

Professor Sardar M. N. Islam has lived, studied, and worked in different countries and visited (extensively) different regions of the world for a long period. He adopts a global and humanistic approach in his research and academic works.

His academic work has gained international acclaim in the above areas, resulting in many Honours and Awards, visiting or adjunct professorial appointments in different countries, appointments in editorial roles of journals, and keynote speeches at international conferences in several countries.

He has published 31 scholarly academic books in different disciplines. Each of these books makes significant scientific contributions to the literature. These books are published by prestigious publishers and the majority of books are published in highly regarded book series. He has also published about 250 articles, and a large no. of top journal articles.

Distinguished Speakers of InCITe 2023



Dr. Gautam Srivastava
Brandon University, Canada

Dr. Gautam Srivastava was awarded his B.Sc. degree from Briar Cliff University in the U.S.A. in the year 2004, followed by his M.Sc. and Ph.D. degrees from the University of Victoria in Victoria, British Columbia, Canada in the years 2006 and 2011, respectively. From there in the year 2014, he joined a tenure-track position at Brandon University in Brandon, Manitoba, Canada, where he currently is active in various professional and scholarly activities. He was promoted to the rank of Associate Professor in January 2018. Dr. G, as he is popularly known, is active in research in the field of Data Mining and Big Data. In his 8-year academic career, he has published more than 400 papers in high-impact conferences in many countries and high-status journals (SCI, SCIE) and has also delivered guest lectures on Big Data, Cloud Computing, Internet of Things, and Cryptography at many Taiwanese and Czech universities. He has over 7000 citations in his career and has been recognized with additional adjunct positions in Canada, Taiwan, India, and China. He has given keynote addresses at many well-known conferences. He is an Editor of several international scientific research journals. He currently has active research projects with other academics in Taiwan, Singapore, Canada, the Czech Republic, Poland, and U.S.A. He is constantly looking for collaboration opportunities with foreign professors and students. He is an IEEE Senior Member and his research is currently funded by the Natural Sciences and Engineering Research Council of Canada (NSERC).

Distinguished Speakers of InCITe 2023



Dr. Alvaro Rocha

Professor

University of Lisbon, Portugal

Alvaro Rocha holds the title of Honorary Professor, and holds a D.Sc. in Information Science, Ph.D. in Information Systems and Technologies, M.Sc. in Information Management, and BCs in Computer Science.

He is a Professor of Information Systems at the University of Lisbon - ISEG, researcher at the ADVANCE (the ISEG Centre for Advanced Research in Management), and a collaborator researcher at both LIACC (Laboratory of Artificial Intelligence and Computer Science) and CINTESIS (Center for Research in Health Technologies and Information Systems). His main research interests are maturity models, information systems quality, online service quality, requirements engineering, intelligent information systems, e-Government, e-Health, and information technology in education.

He is also Vice-Chair of the IEEE Portugal Section Systems, Man, and Cybernetics Society Chapter, and Founder and Editor-in-Chief of two Scopus and SCIMago journals: JISEM - Journal of Information Systems Engineering & Management; and RISTI - Revista Ibérica de Sistemas e Tecnologias de Informação / Iberian Journal of Information Systems and Technologies.

Distinguished Speakers of InCITe 2023



Dr. Avdesh Mishra

Texas A&M University, Kingsville, USA

Avdesh Mishra is associated with the department of Computer Science, Texas A&M University-Kingsville. He received a Ph.D. degree in computer science from New Orleans in 2019. He had an experience with Bioinformatics and Machine Learning Lab, University of Orleans as a graduate research Assistant & Software Engineer, BitCraft, Kathmandu, Nepal.

His research interests are Artificial Intelligence and Machine Learning, Data Science, Bioinformatics, Computational and Structural Biology, Biomedical Informatics, Evolutionary Computation, Information Retrieval, Text Mining, and Big Data. He is interested in supervised, unsupervised, and semi-supervised learning and developing generative vs. discriminative models and applying machine learning and deep learning technologies to solve complex cybersecurity problems such as malware, intrusion, and ransomware detection.



Dr. Bhaskar Choubey

Professor

Siegen University, Germany

Prof. Bhaskar Choubey received the D.Phil. degree from the University of Oxford as a Rhodes Scholar, and the B.Tech. degree from the Regional Engineering College, Warangal, India.

He is currently the Chair of Analogue Circuits and Image Sensors with Siegen University. In the past, he has served with the University of Glasgow, Somerville College, and the University of Oxford. Prof. Choubey has received the IEEE Sensors Council GOLD Early Career Achievement Award and the Myril B. Reed Best Paper Award from the IEEE Midwest Symposium of Circuits and Systems. He is currently the Chair of the IEEE EPPC Working Group on ICT in Europe. He is an Associate Editor of the IEEE Sensors Journal.

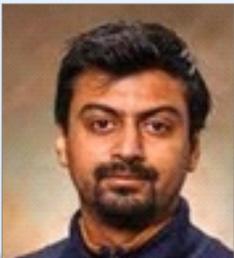
Distinguished Speakers of InCITe 2023



Dr. Maleq Khan

Texas A&M University, Kingsville, USA

Dr. Maleq Khan is associated with the Department of Electrical Engineering and Computer Science at Texas A&M University - Kingsville. He received his Ph.D. from Purdue University, M.S. in Computer Science from North Dakota State University, and B.S. in Computer Science and Engineering from Bangladesh University of Engineering and Technology. His research interests are big data, graph analytics, high-performance computing, parallel and distributed algorithms, randomized algorithms, and data mining. Besides Computer Science, he has interests in Astronomy and Space Science. His work addresses the need for high-performance computing in big data analytics with efficient parallel and distributed algorithms and focuses mainly on graph-based analysis



Dr. Ayush Goyal

Texas A&M University, Kingsville, USA

Dr. Ayush Goyal did his Ph.D. in the field of computer science with an emphasis in biomedical image processing from the University of Oxford in the United Kingdom in the year 2013 after a B.S. in electrical engineering from Boise State University in Boise, Idaho (U.S.A.) in the year 2005. He is currently an Assistant Professor of Computer Science in the Electrical Engineering and Computer Science Department at Texas A&M University in Kingsville, Texas (U.S.A.). He also did research at King's College London after his Ph.D. and worked as a post-doctoral research fellow at Tulane University before joining his current position at Texas A&M University – Kingsville. Dr. Ayush Goyal has presented ACM and IEEE conference papers and published journal papers, including IEEE and Springer journals. His research interests are in machine learning algorithms and artificial intelligence models with applications in biomedical engineering and biomedical image processing.

Distinguished Speakers of InCITe 2023



Dr. Sandhya Samarasinghe

Professor & Head

Complex Systems Big Data and Informatics Initiative
Lincoln University, New Zealand

Dr. Sandhya Samarasinghe is a Fellow of the Modelling and Simulation Society of Australia and New Zealand and a Senior Member of IEEE. She is a Visiting Fellow at Oxford University, UK, Princeton University and Stanford University, USA, and CSIRO in Australia.

Her research advances internationally cutting-edge concepts and computational methodologies for modeling complex systems. Complexity is one of the biggest challenges to understanding and working with natural systems.

She leads the 'Complex Systems, Big Data, and Informatics Initiative' (CSBII) at Lincoln University, which aims to develop and apply cutting-edge computing to address issues in complex biological and environmental systems.

Distinguished Speakers of InCITe 2023



Dr Samaneh Kouchaki
University of Surrey, UK

Dr. Samaneh Kouchaki joined the Centre for Vision, Speech, and Signal Processing in July 2020 to lead research and teaching in machine learning for health and dementia care in collaboration with the UK Dementia Research Institute (UK DRI) Care Research & Technology Centre (a joint initiative between Centre for Vision, Speech and Signal Processing, the Surrey Sleep Research Centre and Department of Mathematics at Surrey, and Imperial College London).

She previously spent three years as a postdoctoral researcher at the Institute of Biomedical Engineering at the University of Oxford. She was the senior machine learning researcher for the '100,000 Genomes Project for Tuberculosis', an international consortium involving the Centres for Disease Control of most major nations (including the USA, UK, and China), jointly funded by the Gates Foundation and the Wellcome Trust. Her research focus was on the prediction of antibiotic resistance in pathogens such as those that cause tuberculosis. Before this, she was at the University of Manchester within the Division of Evolutionary and Genomic Sciences where she was funded by the EU Horizon 2020 Virogenesis project, working on next-generation DNA sequencing using signal and image processing techniques coupled with unsupervised machine learning. She obtained her Ph.D. in Computer Science at Surrey in 2015. Her Ph.D. focused on developing novel multi-way techniques for source separation with application to biomedical signals.

Distinguished Speakers of InCITe 2023



Dr. Vijay Mago

FSES Research Chair

Lakehead University, Ontario, Canada

Dr. Vijay Mago got his PhD in the year 2010 from Panjab University, and Master of Computer Applications from Guru Nanak Dev University in the year 2001. He has served as Chief Technology officer at Thicket Labs, assistant Professor at DAV college Jalandhar, assistant Professor at Troy University in the department of Computer science and currently he is Faculty of SES, Research Chair at Lakehead University, Ontario, Canada.

He is Awarded for Reliable and efficient real-time tools for collecting and analyzing large health datasets and Automated Gap Analysis of Learning Outcomes using Semantic Analysis



Dr. Vidhyashree Nagaraju

University of Tulsa, USA

Dr. Vidhyashree Nagaraju is an assistant professor at the Tandy School of Computer Science at the University of Tulsa. She received her Ph.D. (2020) in Computer Engineering from UMassD. M.S. in Computer Engineering in 2015.

She received a B.E. in electronics and communication engineering from Visvesvaraya Technological University, India, in 2011. Her research interests are Software Reliability, Reliability Analysis, Reliability Engineering, Reliability Theory, Cyber Security, and Probabilistic Risk Analysis.

Distinguished Speakers of InCITe 2023



Dr. B K Murthy,

General Manager (Projects) NIXI-CSC Data Services Ltd,
Former CEO, Innovation and Technology Foundation, IIT Bhillai

Dr. B.K. Murthy is General Manager (Projects) at NIXI-CSC Data Services Ltd, and has been the CEO of the Innovation and Technology Foundation at the Indian Institute of Technology, Bhillai. He has been Scientist G and Group Coordinator (R&D in IT) in the Ministry of Electronics and IT (MeitY), Government of India. He is responsible for the promotion of R&D in the area of IT. His research interests include artificial intelligence, software-defined networking, cloud computing, quantum computing, and blockchain technologies. He was awarded a Ph.D. degree by IIT Delhi. He has published and presented over 70 papers in various journals and conferences and is a regular speaker at international forums. He has been awarded the prestigious VSVIK industrial research award for the Year 2020 in the area of information and communication technologies. He has also been named as the 'Blockchain influencer' by the Indian Blockchain Association Forum.

Distinguished Speakers of InCITe 2023



Dr. Tanmoy Hazra

Indian Institute of Information Technology

Tanmoy Hazra received his B.Tech. degree in Computer Science and Engineering (2009) from West Bengal University of Technology, M.Tech. in Computer Application (2012) from IIT-ISM, Dhanbad and Ph.D. from Defence Institute of Advanced Technology, Pune (DRDO) under the Ministry of Defence, India. He has been working as an Assistant Professor in Computer Science and Engineering department at Indian Institute of Information Technology, Pune since February 2018. He published several journal articles with various publishers of international repute. He also published a research-oriented book with an international publisher. He also received 'Best Paper Award' in an IEEE conference. His research area includes applications of game theory, machine learning, deep learning etc. He delivered several invited talks in FDPs and STPs, organized by reputed academic Institutes. He also successfully completed a couple of consultancy projects. He is also a reviewer of several SCI/SCIE indexed journals and TPC member of several reputed international conferences. He also served as a General Chair of International conference on AIRHS 2022.

Distinguished Industry Experts



Ms. Vertika Misra
Director – Public Policy, NASSCOM

Vertika Misra has overall 18 plus years of experience.

She has been instrumental in leading the various assignments related to Regulatory and Policy interests of the telecom and tech industry, involving management of relations with external stakeholders such as government bodies, policymakers, and facilitating regulatory compliance across all functions, managing media, and defining the public policy strategy to maintain a consistent image of the organization to external elements.

She has represented India at many international forums and has received appreciation for the industry as well as the country.



Ms. Sarbani Maiti
Vice President, Data, and AI Practice
Veersa Technology

She is having 20 + yrs of experience in various technologies including cloud, AI/ML, and data analytics. In her current role, she focuses on developing data-driven solutions for healthcare, finance, and other industries.

As an AWS Community Builder, speaker, and tech blog writer, Sarbani is dedicated to sharing her knowledge and experience with others.

Distinguished Industry Experts



Ms. Deepa Kaul
CIO, Sopra Steria

Ms. Deepa Kaul is the CIO and Director of Information systems at Sopra Steria, prior to this she worked in Corporate IT Dept at ONGC, in Satellite Communication at ISRO, and in Tech Support at HCL. She is a business leader who has expertise in domains like Cyber /Information Security Management, Datacentre management, design & operations for HA landscapes. She has received BE, Electronics & Communications from NIT Srinagar.

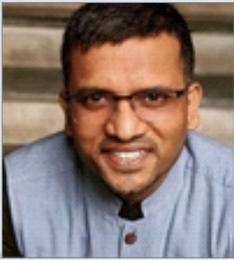


Ms. Smita Gupta
Assistant General Manager
Engineers India Ltd.

Smita Gupta has experience spanning more than 18 years in devising innovative and tailored IT solutions to assist businesses. She joined Engineers India Limited, a Navratna Public Sector Enterprise, as an Engineer and has now been elevated to Assistant General Manager, supervising Application Development and Enhancement, Service Delivery, and Client Relationship Management in Human Resource, Finance, and Project Management domains.

She did her Master of Computer Applications (MCA) from the Hindu Institute of Management in 2003 and recently completed an Executive MBA from the Faculty of Management Studies (FMS), Delhi in 2021.

Distinguished Industry Experts



Mr. Kanishka Mallick

Senior Vice President - Talent Solutions
Coffee Mug

Kanishka Mallick is a human resources specialist with extensive experience in people matters. Graduate of St. Xavier's College in Kolkata and Bharathidasan Institute of Management in Trichy, he has over 20 years of professional experience ranging from the specialized timeshare business to the telecom and startup/digital products ecosystem. These encounters provided chances to participate in the cutting edge of the digital revolution. Kanishka has witnessed recruiting ramp-ups at Club Mahindra from 900 to 2500; at Times Internet from 650 to 6000+ workers; and he has taken part in more than 20 business acquisitions and investments in digital products. Sir has taken a leading role in merger discussions, funding exercises, and due diligence. The scope of Kanishka's work in HRTech includes automating people processes (Darwinbox, Zoho, SAP), building & integrating AI in HR (Amber, employee assistance Chatbots), and fostering an environment with a scalable HR framework and excellent employee experience.

Distinguished Industry Experts



Mr. Kanish Gaur

Founder & Chief Executive Officer
India Future Foundation

Mr. Kanishk Gaur, a well-known expert in digital technology, focuses on emerging technology policy, security, safety, privacy, emerging technology regulations, and IT laws. He serves as a host for prominent national and international news channels, TV programmes, newspapers, and journals as a tech and cyber expert. He is a social entrepreneur with a focus on growth, business transformation, and innovation. He is an accomplished and involved Institute graduate. He is currently working towards his Ph.D. in Emerging Technologies leading the transformation from the Indian Institute of Management Lucknow. Kanishk has received a "Chevening Commonwealth Fellowship from U.K. Foreign Commonwealth Office" for his efforts in innovation, leadership, and cyber security. British ambassadors and diplomats at international heads of government meetings frequently cite his work on the India-U.K. partnership.



Ms. Satinder Suri

Deputy Vice President - Talent Acquisition
SBI Cards

Ms. Satinder Suri is responsible for driving Talent acquisition strategies and priorities for the creation of the right set of talent pools in the organization. She is a talent evangelist with a curious blend of minds, bringing pace and passion to the talent acquisition fraternity. Presently, she is the Deputy Vice President- Talent acquisition at SBI CARD. Prior to this, she was the consulting partner at People North Pvt. Ltd. Adding to her experience, she has also been the Branch Head at Kotak Mahindra Bank and the Assistant Vice president at Axis Bank. She started her career as a Project Program Manager at Indore Management Association. She is the proud recipient of an MBA from Devi Ahilya Vishwavidyalaya, Indore.

Distinguished Industry Experts



Mr. Gaurav Singh
Lead HR - India Ops
Global Payments Inc.

Gaurav is a seasoned HR Professional with a Strong hold on HR Analytics and HR-Business dynamics. Gaurav is having 13+ years of Experience in HR and currently Leading the India HR Operations for Global payments. Global Payment is a Fortune 500 company based out of the US. It's a product-based organization in the Financial Technology space. Prior to this Gaurav have diverse exposure to work with different domain companies like Internet, Telecom, Automobile, and Heavy Engineering. Gaurav believes that unless you do not understand the business and its economics you will not enjoy working and Partnering with the Business stakeholders.



Mr. Rohit Bharath Das
Partner, Cyber
Grant Thornton Bharat LLP

Rohit is a risk consulting professional with over 17 years of experience in consulting. He is an MBA in Finance and Marketing with an electronics & telecommunication engineering. He brings unique expertise IT/ITeS, BFSI & Public sectors leading & delivering a variety of projects over Cyber Security & Strategy, Project Risk assessments, Vendor risk assessments, ISO based risk Assessments, and organization risk maturity assessments. He also has a deep understanding of control assessments, Vulnerability Assessments, configuration reviews, business continuity planning, and disaster recovery projects.

Distinguished Industry Experts



Mr. Shaakun Khanna

Vice President
Oracle Corporation

Mr. Shaakun Khanna has experienced the diverse worlds of HR, Business Development, Sales, and Consulting, He is a business leader who is passionate about making people successful. Over the last 25 years, he has worked in truly multinational environments, across multiple industries with significant international exposure. As a people leader, Mr. Khanna has led cross-cultural teams effectively, often creating impact through influence and not just positional authority. In his current role as Vice President, SaaS Alliances & Channels, Asia Pacific, he is responsible for the success of his partners for SaaS Business across the region, he uses the unique combination of his expertise in Consulting, SaaS Technology, People Management, and Business Strategy to provide holistic direction to the organization.



Mr. Amit Narula

Global IT Senior Director -Cloud & Infrastructure
Boston Consulting Group (BCG)

Mr. Amit Narula is a Trusted technology leader with over 18 years of progressive technical leadership experience. He is responsible for driving the growth strategy for Ops Engineering, Database Operations, Cloud, and DevOps teams for the global offices. He is known for his ethics and values-based leadership style and as one who enables & drives the implementation of the organization's core strategy. His People skills in team development follow an inclusive approach and proactive collaboration with stakeholders. Currently, at Boston Consulting Group (BCG) , he is the Global IT Senior Director of Cloud & Infrastructure, his role includes a hands-on involvement in Database Engineering, Product Solutions, and I&O management for critical business-facing products along with driving efforts on CI/CD concepts for DevOps and production support releases, AWS Cloud-based integration & support.

Distinguished Industry Experts



Mr. Keerthi Lal

Vice President - Elcom Innovations &
Senior Advisor -Sun Group Global

Mr. Keerthi Lal is capable of juggling multiple hats, able to see ahead of the curve & beneath feet as well, penny-wise & pound-wise too, and curious about everything science, tech, climate, business, and policy. His life's motto is There is opportunity in chaos, and a battle is won before its fight. Presently, he is the Senior Advisor at SUN Group Global. Prior to this, he was the VP at online. He was also the Head – of Investment Promotion for the Govt of Chhattisgarh. In 2015, he founded ART labs pvt ltd. He was also the Program Lead at the Office of Adviser to the Prime Minister of India. He started his career at SoftJin Technologies as a Sr. Design Technology Engineer. He is the recipient of a PhD and Master's in CSE from the International Institute of Information Technology. He pursued a degree in B.Tech Mechatronics from JNTUH College of Engineering Hyderabad



Mr. Sameer Nigam

CEO
Stratbeans Consulting

Mr. Sameer Nigam is currently the CEO at Stratbeans Consulting Private Ltd. He has a keen interest in Digital transformation of skilling and capability building for large organizations using cutting-edge technologies. Enabling the process efficiency of the workforce. Digital enablement of sales and operation. His current customers are Intel, GE, KFC, Dominos, ITC, JCB, WNS, Honda Cars, Royal Ban, and many more. Having a degree in finance and strategy from IIM, also he pursued a degree in laser technology in masters from IIT Kanpur, and in his bachelor's he did mechanical engineering from HBTI Kanpur.

Distinguished Industry Experts



Mr. Rajiv Saraiya
Vice President, Coforge, India

Rajiv carries a rich IT industry experience of over 25 years. He is currently VP - Cloud and Infrastructure Management Services at Coforge Ltd. Prior to that Rajiv worked with DXC Technology for almost 19 years in various capacities and roles like Project manager, Transition and Transformation manager, Infrastructure & Applications Delivery Lead for the Noida Delivery center, Delivery lead for the South European region and so on. Throughout his career, Rajiv has remained up-to-date with the latest developments in IT and has been a vocal advocate for using technology to drive business value. He is a Electronics engineer and a MBA in Finance by education. Rajiv is associated with Amity University for many years now and has contributed in multiple roles .



Mr. Nikhil Arora
Director, Data Intelligence, S&P Global

Mr. Arora has more than 17 years of experience in delivering solutions, products and services in Banking, Financial Services and Insurance domain for Bank of America, Barclays Bank and Royal Bank of Scotland. Currently heading the Operational Data Intelligence team in S&P Global's Market Intelligence Division where they source data, slice and dice it, build smart analytics and provide actionable insights into the data. Prior to S&P Global, he was Global Head of Change Management in Financial Services division in RBS where he was taking care of Release and Environment Management for approx 500 products.

Distinguished Industry Experts



Ms. Kamiya Khatter

Editor, Springer Nature India, New Delhi

Kamiya Khatter is presently working as Editor at Springer Nature. She is a part of the Global Acquisition Team at Springer, an imprint of Springer Nature. She is responsible for acquisition and publishing of books in Engineering and Applied Sciences portfolio. She has worked in various areas of academic publishing for both books and journals in the past.