


# DAY 2· ONLINE PRESENTATION SCHEDULE

**Saturday, 12 December 2026** | Google Meet · Live on the WRU YouTube channel | **All times Los Angeles (PST, UTC−8)**

| 46 | 284 | 10 | 12 min |
|---|---|---|---|
| SESSIONS | PAPER PRESENTATIONS | PARALLEL TRACKS | PER TALK, INCLUDING Q&A |

ORGANISED WITH · TECHNICAL CO-SPONSORS · QUALITY ASSURED

IEEE · IEEE SMC Systems, Man, and Cybernetics Society · WRU · WRU-QAF CERTIFIED · PACIFIC STATES UNIVERSITY BY KONKUK UNIVERSITY FOUNDATION · LONDON COLLEGE OF APPLIED RESEARCH & EDUCATION

ACADEMIC PARTNERS

LINCOLN INSTITUTE OF HIGHER EDUCATION · Gisma University of Applied Sciences · Liwa University

# DAY 2 AT A GLANCE

● Online · Google Meet + live on the WRU YouTube channel · 5 slots · 10 parallel tracks

TIME (LOS ANGELES)
**7:00 AM – 5:00 PM**

| SLOT | LOS ANGELES (PST) | SESSIONS | PAPERS | NEW YORK | LONDON | BERLIN | INDIA (IST) | SINGAPORE · BEIJING |
|---|---|---|---|---|---|---|---|---|
| **Slot 1** Morning | **7:00 AM – 9:00 AM** | **1 – 10** | **63** | 10:00 AM – 12:00 PM | 3:00 PM – 5:00 PM | 4:00 PM – 6:00 PM | 8:30 PM – 10:30 PM | 11:00 PM – 1:00 AM |
| **Slot 2** Morning | **9:00 AM – 11:00 AM** | **11 – 20** | **59** | 12:00 PM – 2:00 PM | 5:00 PM – 7:00 PM | 6:00 PM – 8:00 PM | 10:30 PM – 12:30 AM | 1:00 AM – 3:00 AM *(Sun Dec 13)* |
| **Slot 3** Morning | **11:00 AM – 1:00 PM** | **21 – 30** | **60** | 2:00 PM – 4:00 PM | 7:00 PM – 9:00 PM | 8:00 PM – 10:00 PM | 12:30 AM – 2:30 AM *(Sun Dec 13)* | 3:00 AM – 5:00 AM *(Sun Dec 13)* |
| **Slot 4** Afternoon | **1:00 PM – 3:00 PM** | **31 – 40** | **60** | 4:00 PM – 6:00 PM | 9:00 PM – 11:00 PM | 10:00 PM – 12:00 AM | 2:30 AM – 4:30 AM *(Sun Dec 13)* | 5:00 AM – 7:00 AM *(Sun Dec 13)* |
| **Slot 5** Afternoon | **3:00 PM – 5:00 PM** | **41 – 46** | **42** | 6:00 PM – 8:00 PM | 11:00 PM – 1:00 AM | 12:00 AM – 2:00 AM *(Sun Dec 13)* | 4:30 AM – 6:30 AM *(Sun Dec 13)* | 7:00 AM – 9:00 AM *(Sun Dec 13)* |
| **Full day** | **7:00 AM – 5:00 PM** | **46** | **284** | *Slots 1–4 run Tracks 1–10. Slot 5 runs Tracks 1–6.* | | | | |

## HOW THE DAY WORKS

- Every slot runs for two hours, with six or seven talks of 12 minutes each (including Q&A), from the start of the slot.
- The day runs in 10 parallel tracks, each with its own moderator.
- Every session has its own Google Meet link and its own YouTube live stream.
- All sessions are recorded and streamed live on YouTube.

## FOR PRESENTERS

- Use the **Meeting Link** on your session page to enter your session room.
- **Join at least 10 minutes before your slot starts.**
- Keep to your 12 minutes. Talks run in the order shown.
- Use the **Paper Index** at the back to jump straight to your session.

## TIME-ZONE-FRIENDLY SLOTS

- **Slot 1** runs 8:30–10:30 PM in India and 4:00–6:00 PM in Berlin.
- **Slot 5** runs 7:00–9:00 AM on Sunday 13 December in Beijing, Kuala Lumpur and Singapore.
- Family, friends and colleagues can use **"Watch live or replay on YouTube"**.

# SESSION FINDER

- Click any session to jump to its page, Meeting Link and YouTube link

DAY 2
**46 Sessions**

| SLOT / TRACK | TRACK 1 | TRACK 2 | TRACK 3 | TRACK 4 | TRACK 5 | TRACK 6 | TRACK 7 | TRACK 8 | TRACK 9 | TRACK 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Slot 1** 7:00 AM – 9:00 AM | Session 1 7 talks | Session 2 7 talks | Session 3 7 talks | Session 4 6 talks | Session 5 6 talks | Session 6 6 talks | Session 7 6 talks | Session 8 6 talks | Session 9 6 talks | Session 10 6 talks |
| **Slot 2** 9:00 AM – 11:00 AM | Session 11 6 talks | Session 12 6 talks | Session 13 6 talks | Session 14 6 talks | Session 15 6 talks | Session 16 6 talks | Session 17 6 talks | Session 18 6 talks | Session 19 5 talks | Session 20 6 talks |
| **Slot 3** 11:00 AM – 1:00 PM | Session 21 6 talks | Session 22 6 talks | Session 23 6 talks | Session 24 6 talks | Session 25 6 talks | Session 26 6 talks | Session 27 6 talks | Session 28 6 talks | Session 29 6 talks | Session 30 6 talks |
| **Slot 4** 1:00 PM – 3:00 PM | Session 31 6 talks | Session 32 6 talks | Session 33 6 talks | Session 34 6 talks | Session 35 6 talks | Session 36 6 talks | Session 37 6 talks | Session 38 6 talks | Session 39 6 talks | Session 40 6 talks |
| **Slot 5** 3:00 PM – 5:00 PM | Session 41 7 talks | Session 42 7 talks | Session 43 7 talks | Session 44 7 talks | Session 45 7 talks | Session 46 7 talks | — | — | — | — |

**Looking for your own talk?** The Paper Index at the back lists all 284 papers by Paper ID, with presenter, session and talk time. Each session number there is a link back to the session page.

Every session page shows its **Meeting Link** (presenters) and **Watch live or replay on YouTube** (viewers). Ctrl + click them in Word, or tap them in a PDF viewer.

# SESSION 1 · TRACK 1

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

Meeting Link: meet.google.com/zgn-yipu-irr
Watch live or replay on YouTube: youtu.be/1gSfa-JgrSI

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Venkat Navneeth Burla**
Senior Data Scientist, Vertex Pharmaceuticals, India

SESSION CHAIR 2:
**Leslie Daniel Raj**
Senior Cloud Application Architect, Amazon Web Services Inc., India

SESSION CHAIR 3:
**Dr. Sachchida Nand Mishra**
Associate Professor, Dayanand Sagar Academy of Technology and Management, Bengaluru

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 7:00 AM to 7:12 | 970 | Zero-Trust Security Framework for Multi-Cloud Environments: An Intelligent Threat Detection Approach | Sandeep Vattikuti |
| 7:12 AM to 7:24 | 1010 | A Zero-Trust AI Security Architecture for Detecting Identity Abuse and Privilege Escalation Across Distributed Enterprise Systems | Salman Bin Abid Jabri |
| 7:24 AM to 7:36 | 1049 | Agentic AI for Automotive Repair Estimation and Auto-Ordering: Human-in-the-Loop Design and Staged Rollout to Full Scale | Manu Sharma |
| 7:36 AM to 7:48 | 1052 | Hybrid Entity Resolution for U.S. Health Plan Provider Directories: Combining SQL Rules, Vector Search and LLM Disambiguation | Devesh Dashora |
| 7:48 AM to 8:00 | 182 | A Multi-Lead Abdominal ECG Electrode Configuration Framework for Low-Artifact FECG Extraction and Wellbeing Assessment | Niyan Joseph Savio Marchon |
| 8:00 AM to 8:12 | 1042 | Trauma-Informed Library Design for Children in Foster Care: A Design Case Study from New York City's Administration for Children's Services | Suhana Dhingra |
| 8:12 AM to 8:24 | 73 | A Policy-as-Code Framework for Continuous Compliance Automation in Government Cloud Platforms (FedRAMP/FISMA) | Suresh Kumar Uppada |
| 8:24 AM – 9:00 AM | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 2 · TRACK 2

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

**Meeting Link:** meet.google.com/nnh-gjbp-mat
**Watch live or replay on YouTube:** youtu.be/79nZwTnMHL8

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Manisha Gaur**
Faculty of Computer Science and Engineering, Poornima University, Jaipur, India

SESSION CHAIR 2:
**Dr. Surbhi Sharma**
Manipal University Jaipur, India

SESSION CHAIR 3:
**Dr. Ramesh G**
NMAM Institute of Technology, NITTE Karnataka

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 7:00 AM to 7:12 | 750 | Hybrid Deep Learning and Ensemble Fusion for Multimodal Alzheimer Disease Classification | Abhilash |
| 7:12 AM to 7:24 | 751 | Machine Learning for Smart Ride Hailing Demand Forecasting | Ranvir Kaur |
| 7:24 AM to 7:36 | 658 | An AI-Driven Industrial Internet of Things Framework for Real-Time Production Scheduling and Resource Optimisation in Smart Manufacturing | Bhanuprakash Madupati |
| 7:36 AM to 7:48 | 659 | Digital Twin and Industrial IoT-Based Approach for Predictive Maintenance and Intelligent Manufacturing Systems | Vijayakumar Reddy Yeddula |
| 7:48 AM to 8:00 | 660 | A Layered IoT-Enabled Framework for Real-Time Production Monitoring and Process Optimization in Smart Manufacturing | Neyara Radwan |
| 8:00 AM to 8:12 | 977 | Digital Twin-Driven Supply Chain Optimization Using Predictive Analytics and Real-Time IoT Data: A Systematic Review | Debrath Avadh Singh |
| 8:12 AM to 8:24 | 733 | Predictive AI-Enabled Maintenance Service Adoption: A Choice-Based Conjoint and Conditional Process Analysis | Loveleen Gaur |
| 8:24 AM – 9:00 AM | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 3 · TRACK 3

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

Meeting Link: meet.google.com/awk-ptpu-vyo
Watch live or replay on YouTube: youtu.be/HMAnLGU7Hpk

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Arun Balodi**
Professor and Chairperson, Dayananda Sagar University, Bengaluru, India

SESSION CHAIR 2:
**Dr. Jitendra Kumar Jaiswal**
Associate Professor, Dayananda Sagar University, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 7:00 AM to 7:12 | 24 | Establishing Meaningful Pattern Sequences: Tool Support and Application to Software Patterns | Viktor Matovič |
| 7:12 AM to 7:24 | 716 | Early Student-Dropout Prediction on OULAD: A Leakage-Controlled Benchmark of Ensembles, Calibration, and Explainability | Nidhi Agarwal |
| 7:24 AM to 7:36 | 1046 | Scaling AI and Automation to 25 to 30% of Operations: Cycle-Time and Decision Effects in a Global Delivery Organization | Pooja Lamba |
| 7:36 AM to 7:48 | 1066 | Conformable Supports for Freeform and Ultra-Thin Waveguides: Distributing Handling Forces to Prevent Distortion | Sudhakar Koppa Hanumanthe Gowda |
| 7:48 AM to 8:00 | 88 | Quantum-Enhanced Federated Intelligence Framework for Secure Healthcare Diagnosis Using Explainable Deep Learning and Multimodal Medical Analytics | SKB Sangeetha |
| 8:00 AM to 8:12 | 154 | Evidence-Grounded Energy Agent Control Framework: A Risk-Tiered Governance Architecture for Agentic AI in Critical Energy Infrastructure | Jagadeesh Vedula |
| 8:12 AM to 8:24 | 217 | An Ensemble-Based Machine Learning Scheme for Real-Time PMU Data Quality Improvement in Power Networks | Vagesh Kumar |
| 8:24 AM – 9:00 AM | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 4 · TRACK 4

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

**Meeting Link:** meet.google.com/qic-eijk-daw
**Watch live or replay on YouTube:** youtu.be/r3Fnn7L3aZo

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Prof. Sachi Nandan Mohanty**
Professor, VIT-AP University, India

SESSION CHAIR 2:
**Dr. Sumit Dhariwal**
Assistant Professor, Centre for Artificial Intelligence, MITS-DU, Gwalior, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 7:00 AM to 7:12 | 157 | Securing Mobile Financial Applications_ A Holistic Framework Combining Biometric Authentication, E2E Encryption, and AI-Powered Threat Monitoring | Ranjith Kumar Vanaparthi |
| 7:12 AM to 7:24 | 163 | Explainable Artificial Intelligence for Intelligent Intrusion Detection, Cyber Threat Hunting, and Resilient Cyber-Physical Power Systems | Sai Krishna Vadlamudi |
| 7:24 AM to 7:36 | 669 | Optimized Hybrid Deep Learning Framework for Software Security Analysis and Automated Malware Detection | Pratham Patkar |
| 7:36 AM to 7:48 | 1059 | AI-Driven Authorization Analysis for Multi-Tenant Kubernetes and AWS Cloud Security | Ashwin Pralhad Agarkhed |
| 7:48 AM to 8:00 | 40 | Adaptive Trust Scoring Framework for Autonomous Enterprise Network Agents | Vijayakumar Venganti |
| 8:00 AM to 8:12 | 45 | Reinforcement Learning-Based Agentic Recommendation Framework for Adaptive and Continual Personalization | Shiva Sankeerth Reddy Yarradla |
| 8:12 AM – 9:00 AM | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 5 · TRACK 5

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

**Meeting Link:** meet.google.com/jcq-aasd-usr
**Watch live or replay on YouTube:** youtu.be/xxmSIWUkNNc

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Yogesh**
Department of CSE (AI & ML), Dayananda Sagar University, India

SESSION CHAIR 2:
**Dr. Devi Priya V S**
Department of CS (Cyber Security), School of Engineering, Dayananda Sagar University, Harohalli, Bangalore, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **7:00 AM** to 7:12 | **63** | Cloud-Native Federated Multi-Agent Framework for Explainable Healthcare Resource Allocation | **Vipindas Aravindakshan** |
| **7:12 AM** to 7:24 | **86** | Evaluating Open-Source LLMs on Unstructured Clinical Summarization: Performance Versus Architectural Footprint | **Naga Raviteja Tadiboina** |
| **7:24 AM** to 7:36 | **87** | Intelligent Log Analytics Using Large Language Models for Enterprise Infrastructure Operations | **Srinivas Goud Thadakapally** |
| **7:36 AM** to 7:48 | **96** | Agentic AI Orchestration at Scale: Architecting Claude-Based Automation Pipelines for Enterprise Test Execution | **Lokesh Suri** |
| **7:48 AM** to 8:00 | **101** | DocRetrieval at Scale: LSH-Indexed Microservice Architecture for Million-Document Semantic Search | **Moxank Patel** |
| **8:00 AM** to 8:12 | **102** | Database-Driven Predictive Network Intelligence: A Patent-Backed Framework for Proactive Coverage Lapse Detection | **Zalak Shrof Aka Makwana** |
| **8:12 AM – 9:00 AM** | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 6 · TRACK 6

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

**Meeting Link:** meet.google.com/khm-ifrd-ecx
**Watch live or replay on YouTube:** youtu.be/53253ML8_F0

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Basab Nath**
School of Computer Science Engineering and Technology, Bennett University, Noida, India

SESSION CHAIR 2:
**Dr. Ranjit Kumar**
Ajeenkya D. Y. Patil University, Pune, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 7:00 AM to 7:12 | 114 | A Geospatial State-Verified Agentic Deep Learning Framework for Disaster Damage Mapping Using Satellite Imagery | Nanda Kishore Kande |
| 7:12 AM to 7:24 | 133 | Measuring the Business Impact of Agent Copilot and Agent Assist in AI-Enabled Contact Centers: A Project Management Perspective | Yashwanth Allaparthi |
| 7:24 AM to 7:36 | 134 | Systematisation of Prompt-Injection and Tool-Misuse Defences Under Enterprise Deployment Constraints | Mohit Bansal |
| 7:36 AM to 7:48 | 141 | Uncertainty-Calibrated Counterfactual Action Repair for Safety-Gated Agentic Process Control | Mangesh Jagtap |
| 7:48 AM to 8:00 | 144 | An Uncertainty-Guided Agentic Deep Learning Framework for Dataset-Aware Model Selection in Tabular Classification | Balasubramanyam Papa |
| 8:00 AM to 8:12 | 37 | Deep Learning-Enabled Cloud Architecture for Scalable Big Data Analytics and Automated Knowledge Extraction | Chintankumar Sanghavi |
| 8:12 AM – 9:00 AM | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 7 · TRACK 7

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

Meeting Link: meet.google.com/hix-wqdd-tfo
Watch live or replay on YouTube: youtu.be/zYHav4VQjJU

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Nitika Vats**
Sushila Devi Bansal College of Engineering, Indore, Madhya Pradesh, India

SESSION CHAIR 2:
**Dr. Pallavi Pankaj Ahire**
Pimpri Chinchwad University, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **7:00 AM** to 7:12 | **71** | Beyond Automation: A Holistic Model for Measuring the Maturity of DevOps Transformations in Large Enterprises | **Vishwa Lakhnakiya** |
| **7:12 AM** to 7:24 | **77** | AI-Driven Self-Healing Orchestration for Hyperscale Infrastructure: A Predictive Workflow-Failure Mitigation Framework | **Milan Dudhatra** |
| **7:24 AM** to 7:36 | **109** | Automated Infrastructure Tagging and Provisioning: A Service-Oriented Approach to CDN Node Lifecycle Management | **Priyanka Birajdar** |
| **7:36 AM** to 7:48 | **142** | Selective Uncertainty-Aware Replay Suppression for Cost-Efficient Serverless Event Pipelines | **Mounika Nayini** |
| **7:48 AM** to 8:00 | **161** | Reproducible Stacking Ensembles for Banking Customer Analytics | **Aditya Vardhan Pola** |
| **8:00 AM** to 8:12 | **70** | Human-Centric Task Allocation for Industry 5.0: A Consent-Gated Human Digital Twin for Circular E-Waste Disassembly | **Mr. Sivalingam Thangavel** |
| **8:12 AM – 9:00 AM** | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 8 · TRACK 8

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

Meeting Link: meet.google.com/gvi-jdrj-etq
Watch live or replay on YouTube: youtu.be/cvyKD0e15pQ

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Shubhangi Solanki-Patil**
PCET's Pimpri Chinchwad University, Pune, India

SESSION CHAIR 2:
**Dr. Bhushan S. Chaudhari**
School of Engineering & Technology, PCET's Pimpri Chinchwad University, Pune, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 7:00 AM to 7:12 | 139 | Conflict-Aware Fuzzy-Evidential Learning for Reliable and Explainable Industrial Fault Prediction | Rajan Babbar |
| 7:12 AM to 7:24 | 140 | Relevance-Calibrated Dual-Age Federated Aggregation for Real-Time Edge Load Forecasting | Ershad Dilawar Shaikh |
| 7:24 AM to 7:36 | 145 | RevFed Provenance-Guided Reversible Federated Learning for Late-Discovered Sensor Faults in Industrial Edge Analytics | Rajnish Kumar Pandey |
| 7:36 AM to 7:48 | 146 | Disturbance-Conditioned Multi-Horizon Reversibility-Aware Reinforcement Learning for Safe Industrial Process Control | Abhishek Kumar Pandey |
| 7:48 AM to 8:00 | 162 | Cognitive Load-Aware Edge AI: Reducing Acute Operator Fatigue in Human-AI IoT Systems | Joyjit Roy |
| 8:00 AM to 8:12 | 274 | Self-Guided Distillation-Based Spatio-Temporal Graph Neural Network for Intelligent Mastitis Detection | Arunkumar Sivaraman |
| 8:12 AM – 9:00 AM | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 9 · TRACK 9

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

**Meeting Link:** meet.google.com/dqv-swza-gzo
**Watch live or replay on YouTube:** youtu.be/c8swHvuJe_M

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Anand Singh Rajawat**
PCET's Pimpri Chinchwad University, Pune, India

SESSION CHAIR 2:
**Dr. Mayur Jakhete**
Department of Electronics Engineering, Pimpri Chinchwad University, Pune, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **7:00 AM** to 7:12 | **800** | Physical AI With Digital Twin Synthetic Data Virtual Simulation for Continuous Calibration of Electric Vehicle Thermal and Energy System | **Vijayachandar Sanikal** |
| **7:12 AM** to 7:24 | **830** | Artificial Neural Network Multi-Modal Health Monitoring Using In-Vehicle Sensors and Wearable IoT Devices for Smart Automotive Safety | **Vijayachandar Sanikal** |
| **7:24 AM** to 7:36 | **55** | Predictive Analytics for Early Risk Detection in Agile Development | **Samrat Mukherjee** |
| **7:36 AM** to 7:48 | **58** | Machine Learning-Driven Predictive Analytics Framework for Enterprise Business Operations | **Mohana Ravi Teja Gutta** |
| **7:48 AM** to 8:00 | **98** | A Forecast-Uncertainty-Aware Framework for Adaptive Material Requirements Planning in ERP Supply Chains | **Pavan Kanchi** |
| **8:00 AM** to 8:12 | **108** | Title to be confirmed | **Suhas Reddy Yarrabothu** |
| **8:12 AM – 9:00 AM** | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 10 · TRACK 10

● Slot 1 · Morning session · Sessions 1–10 · Tracks 1–10 · 63 papers

TIME (LOS ANGELES)
**7:00 AM – 9:00 AM**

Meeting Link: meet.google.com/xza-jntk-thk
Watch live or replay on YouTube: youtu.be/YVMZgEErK_M

YOUR LOCAL TIME
India 8:30 PM – 10:30 PM · Berlin 4:00 PM – 6:00 PM · Singapore 11:00 PM – 1:00 AM
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Shilpa Suresh**
Manipal Institute of Technology, Manipal, India

SESSION CHAIR 2:
**Dr. Priyameet Kaur Keer**
Department of Management Studies, New Horizon College of Engineering, Bengaluru, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **7:00 AM** to 7:12 | **110** | Intervention Flow: Counterfactual World Models for Organizational Decision Consequences | **Manohar Kakumani** |
| **7:12 AM** to 7:24 | **151** | When AI Should Abstain: Reliability-Aware Decision Routing in Production Systems | **Guruprasad Raghothama Rao** |
| **7:24 AM** to 7:36 | **414** | Univariate Temporal Forecasting with Post-Hoc Spatial Description of Urban Crime | **Dr. Tahmina Akther** |
| **7:36 AM** to 7:48 | **670** | Explainable Deep Learning Framework for Intelligent Software Quality Assurance and Automated Defect Prediction on Smart Devices | **Sujatha Lakshmi Narra** |
| **7:48 AM** to 8:00 | **724** | Automated Optical Layer Fault Isolation and Operational Demarcation in Shared Fiber Backhaul | **Carl Amekudzi** |
| **8:00 AM** to 8:12 | **739** | Federated Split Learning Under Data Heterogeneity: Adaptability with Advanced Optimization Algorithms | **Kazi Habibur Rahaman** |
| **8:12 AM – 9:00 AM** | | *Session close · open discussion · next slot starts at 9:00 AM* | |

# SESSION 11 · TRACK 1

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

Meeting Link: meet.google.com/oro-regf-sme
Watch live or replay on YouTube: youtu.be/CKr3rRIR8OQ

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Makpal Zhartybayeva**
Department of Computer and Software Engineering, L.N. Gumilyov Eurasian National University, Astana, Kazakhstan

SESSION CHAIR 2:
**Dr. Aditi Sharma**
Professor and Discipline Lead (AI & IT), Victoria University Australia – India Campus, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 9:00 AM to 9:12 | 194 | Architecting Trustworthy Agentic Systems for Commercial Banking: A Framework for Autonomous Compliance and Credit Decision-Making | Jeevan Reddy Geereddy |
| 9:12 AM to 9:24 | 265 | Explainable Artificial Intelligence and Zero-Trust Cybersecurity Framework for Predictive Fault Diagnosis in Smart Electrical Distribution Networks | Gaurav Sehgal |
| 9:24 AM to 9:36 | 268 | Real-Time Financial Fraud Detection Using Adaptive Ensemble Learning | Ramadevi Nunna |
| 9:36 AM to 9:48 | 277 | Governance of Agentic AI Transformation: An Empirical Analysis Using Organizational Data | Saurabh Garg |
| 9:48 AM to 10:00 | 284 | Graph Neural Networks for Detecting Coordinated Fraud Rings Using Synthetic Payment Transaction Networks | Adarsh Naidu |
| 10:00 AM to 10:12 | 293 | A Trustworthy AI Framework for Real-Time Multi-Class Cyber Attack Detection in Enterprise Networks | Raman Vasikarla |
| 10:12 AM – 11:00 AM | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 12 · TRACK 2

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

**Meeting Link:** meet.google.com/gcx-odkq-tih
**Watch live or replay on YouTube:** youtu.be/oXqbY9urFF8

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Sonali Kothari**
Department of Computer Science and Engineering, Symbiosis Institute of Technology, Symbiosis International (Deemed University), Pune, India

SESSION CHAIR 2:
**Dr. Rahul Raghvendra Joshi**
Associate Professor, Department of Computer Science and Engineering, Symbiosis Institute of Technology, Symbiosis International (Deemed University), Pune, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 9:00 AM to 9:12 | 297 | Edge-Aware Transformer Framework for Energy-Efficient Anomaly Detection in Large-Scale IoT Networks | Venkata Rama Uday Kiran Bokam |
| 9:12 AM to 9:24 | 298 | Deep Learning Approach for EV Battery Systems Prediction for Functional Safety Compliance | Shobhan Prasad Pujari |
| 9:24 AM to 9:36 | 302 | Machine Learning-Driven Cybersecurity Framework for Secure and Resilient Data Center Network Infrastructure | Sandeep Deshpande |
| 9:36 AM to 9:48 | 304 | Architecting Fault-Tolerant Windows Hyper-V Clusters for Edge-Based Control Systems: Cybersecurity and Resilience Strategies for Autonomous Plants | Rupesh Shirke |
| 9:48 AM to 10:00 | 377 | Secure AI Agent Interaction with Payment Capabilities Using the Model Context Protocol for Financial Services | Kshitij Goel |
| 10:00 AM to 10:12 | 401 | Smart AI-Based Intrusion Detection and Security Framework for Data Center Networks | Samir Vinayak Bayani |
| 10:12 AM – 11:00 AM | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 13 · TRACK 3

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

Meeting Link: meet.google.com/ywu-diak-ebb
Watch live or replay on YouTube: youtu.be/WG7-2KRtQAY

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Vinitkumar Jayaprakash Dongre**
Thakur College of Engineering and Technology, Mumbai, Maharashtra, India

SESSION CHAIR 2:
**Dr. Gajanan Bhole**
Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 9:00 AM to 9:12 | 403 | A Stacked Ensemble Learning Approach for Malware Classification and Prediction for Improved Cybersecurity | Devraj Narendra Baheti |
| 9:12 AM to 9:24 | 407 | When AI Meets Regulation: A Governance Architecture for Compliance-Aware Agentic AI in Financial Consumer Services | Ravi Kumar Vallemoni |
| 9:24 AM to 9:36 | 411 | Migrating Legacy Enterprise Authentication to OpenID Connect: An Architecture Pattern for Multi-Tenant Enterprise Platforms | Umakanth Parsi |
| 9:36 AM to 9:48 | 422 | Automated Policy Enforcement in Data Catalogs Using Large Language Models: A Compliance Perspective | Syed Mukuram Hussainy Hidayathulla |
| 9:48 AM to 10:00 | 434 | TrustClaim-AI: Explainable and Blockchain-Assisted Cloud Intelligence for Secure Healthcare Insurance Claim Verification | CHANDRASENA CHEERLA |
| 10:00 AM to 10:12 | 195 | Agentic AI for Root Cause Analysis and Controlled Recovery in Cloud-Native CI/CD Environments | Sandeep Kumar Khandelwal |
| 10:12 AM – 11:00 AM | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 14 · TRACK 4

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

**Meeting Link:** meet.google.com/qao-mxif-cqf
**Watch live or replay on YouTube:** youtu.be/vw5TvE6iYs4

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Richa Sharma**
JK Lakshmipat University, Jaipur, India

SESSION CHAIR 2:
**Dr. Swati Vashisht**
IILM University, Greater Noida, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 9:00 AM to 9:12 | 199 | Design and Evaluation of a Cloud-Native Agentic AI Architecture for SAP S/4HANA Cloud Using Multi-Agent LLMs, Model Context Protocol, SAP BTP, and Enterprise APIs | Sravan Kumar Nendrambaka |
| 9:12 AM to 9:24 | 200 | Resilience-by-Design for Agentic AIOps: Detecting and Containing Substrate Drift in Production Multi-Agent Automation | Sreedar Radhakrishnan |
| 9:24 AM to 9:36 | 204 | Verifiable Deletion and Residual-Memory Leakage in Persistent AI Agents | vinay Gummadavelli |
| 9:36 AM to 9:48 | 252 | Self-Healing Enterprise Data Pipelines Using Multi-Agent AI and Runtime Failure Reasoning | Devtosh Dubey |
| 9:48 AM to 10:00 | 269 | Hallucination-Resistant Large Language Models for Financial Question Answering | SRI HARSHA MEKA |
| 10:00 AM to 10:12 | 285 | An Agentic AI Framework for Automated Legacy Code Understanding and Intelligent Mainframe Modernization | Sabarinath Yada |
| 10:12 AM – 11:00 AM | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 15 · TRACK 5

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

**Meeting Link:** meet.google.com/jes-ffwb-zck
**Watch live or replay on YouTube:** youtu.be/_sNrovt_5ZY

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Smita Khairnar**
Pimpri Chinchwad College of Engineering (PCCOE), Pune, Maharashtra, India

SESSION CHAIR 2:
**Dr. Hemant Kasturiwale**
Thakur College of Engineering and Technology, Mumbai, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **9:00 AM** to 9:12 | **291** | CAMOR: Confidence-Aware Multi-Agent Oversight for Safe Autonomy, Escalation, and Recovery | **Bharath kumar Salla** |
| **9:12 AM** to 9:24 | **292** | TCA-AI: Trust-Calibrated Adaptive Autonomy for Human-in-the-Loop High-Stakes Decision Support | **Bharath kumar Salla** |
| **9:24 AM** to 9:36 | **301** | Hybrid Memory Architectures for Long-Horizon Reasoning in Large Language Models | **Nageswara Rao Panja** |
| **9:36 AM** to 9:48 | **317** | Generative AI Based Synthetic Medical Image Augmentation for Improved Disease Detection | **Shaharia Ferdausi** |
| **9:48 AM** to 10:00 | **318** | Explainable Multimodal Artificial Intelligence for Early Disease Diagnosis Using Medical Images and Clinical Data | **Shaharia Ferdausi** |
| **10:00 AM** to 10:12 | **319** | TA-SAP: Trust-Aware Agentic AI for Policy-Constrained SAP Finance Posting and Human Escalation | **Puneet Singhal** |
| **10:12 AM – 11:00 AM** | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 16 · TRACK 6

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

**Meeting Link:** meet.google.com/nqp-dbvf-yod
**Watch live or replay on YouTube:** youtu.be/-rWnY21UWIw

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Usha Batra**
CSE and Chairperson (CS/IT), Shri Vishwakarma Skill University, India

SESSION CHAIR 2:
**Dr. Sheetal Kusal**
Symbiosis Institute of Technology Pune, Symbiosis Center of Applied Artificial Intelligence (SCAAI), India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 9:00 AM to 9:12 | 331 | Policy-Governed Agentic AI for Autonomous Procurement Exception Management in Enterprise Supply Chains | Jyothinadh Nadella |
| 9:12 AM to 9:24 | 332 | Human-in-the-Loop Agentic AI for Purchase Order, Invoice, Inventory, and Shipping Document Reconciliation | Ramu Mannava |
| 9:24 AM to 9:36 | 337 | An Agentic AI Framework for Autonomous Supply Chain Constraint Detection and Resolution | Kishan Kumar Sriramula |
| 9:36 AM to 9:48 | 339 | MedRiskFormer: Transformer-Based Early Detection of Clinical and Product Risks in Medical Device Development Programs | Kumar Krishnappa |
| 9:48 AM to 10:00 | 340 | RTRACE: Retrieval-Grounded Risk Classification and Clause Traceability for ISO 14971 Using Natural Language Processing of Regulatory and Clinical Documentation | Kumar Krishnappa |
| 10:00 AM to 10:12 | 364 | Design of Retrieval Augmented AI Agents for Electronic Health Record Systems | Ritesh Shah |
| 10:12 AM – 11:00 AM | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 17 · TRACK 7

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

**Meeting Link:** meet.google.com/rch-vhid-pit
**Watch live or replay on YouTube:** youtu.be/OjRq11qMixQ

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Rahesha Mulla**
Department of Computer Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune, India

SESSION CHAIR 2:
**Dr. Mayuri Molawade**
Associate Professor, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **9:00 AM** to 9:12 | **380** | Human-in-the-Loop Generative AI Systems for Enterprise Oracle ERP Operations and Automation | **Rama Sanjeeva Reddy Vanipenta** |
| **9:12 AM** to 9:24 | **386** | System and Method for Automatic Generation of Semantically Aligned Training and Inference Prompts for Language Model Fine-Tuning | **Kiran Kumar Koneti** |
| **9:24 AM** to 9:36 | **387** | Architecting Production-Grade Multi-Agent AI Systems for Large-Scale Enterprise Automation | **Rishith Chinthamani** |
| **9:36 AM** to 9:48 | **399** | Autonomous Multi-Agent Generative AI with On-Premises Large Language Models for Enterprise Service Desk Automation | **Prabu Deivendran** |
| **9:48 AM** to 10:00 | **177** | Intelligent Data Quality Monitoring in Large-Scale Financial Data Pipelines | **Ponnarasu Kulanthaisamy** |
| **10:00 AM** to 10:12 | **303** | Fault Localization in Banking Microservices Using Multimodal Operational Data | **Durga Prasad Kouru** |
| **10:12 AM – 11:00 AM** | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 18 · TRACK 8

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

Meeting Link: meet.google.com/hax-wnjs-izw
Watch live or replay on YouTube: youtu.be/sL0PS-FjwcQ

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Supriya Vikram Mahadevkar**
Department of Computer Engineering, Pimpri Chinchwad College of Engineering (PCCOE), Pune, India

SESSION CHAIR 2:
**Dr. V. T. Gaikwad**
Professor & Head, Department of Electronics and Telecommunication Engineering, Sipna College of Engineering and Technology, Amravati, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 9:00 AM to 9:12 | 192 | Comparative Analysis of Machine Learning Classifiers for Heart Disease Prediction with Clinical Feature Insights | Sanjay Rohan Reddy Kovvuri |
| 9:12 AM to 9:24 | 278 | An Artificial Intelligence Framework for Process Optimization in Biopharmaceutical Production Systems | Rohit Singhal |
| 9:24 AM to 9:36 | 220 | Architecting Upstream and Downstream Connectivity between Workday Payroll and Enterprise Finance Systems | SATYA PRAKASH PRAKKI |
| 9:36 AM to 9:48 | 300 | An Intelligent Credit Risk Assessment Model Using Explainable Artificial Intelligence | Abhishek Bajpai |
| 9:48 AM to 10:00 | 306 | Disruption Propagation Modelling for Resilient National Supply Chain Networks: A Graph-Based Deep Learning Approach | Naga Bhuvaneswari Chinnam |
| 10:00 AM to 10:12 | 307 | Dynamic Carrier Capacity Optimization for Large-Scale Fulfillment Networks Under Operational Uncertainty | Naga Bhuvaneswari Chinnam |
| 10:12 AM – 11:00 AM | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 19 · TRACK 9

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

Meeting Link: meet.google.com/nqf-iawb-djh
Watch live or replay on YouTube: youtu.be/9v4vpaosEv4

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Sonal Devesh**
School of Business and Management, CHRIST University, India

SESSION CHAIR 2:
**Dr. Sumegh Tharewal**
Dean Centre of Artificial Intelligence, Indira University Pune Maharashtra India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 9:00 AM to 9:12 | 385 | AI-Driven Driving Pattern Analysis and Battery Performance Optimization in the Automotive Industry | Venkata Prasad Dabbiru |
| 9:12 AM to 9:24 | 408 | Printed Circuit Board Design Defect Detection in Electronic Control Units using Deep Learning-Based Multi-Stage Modeling | Arumugam Elumalai |
| 9:24 AM to 9:36 | 165 | SeriesNet: A Hybrid Residual and Attention-Based Framework for MRI Series-Type Classification as a Prerequisite Stage in Liver AI Pipelines | Gunjan Vasant Ramteke |
| 9:36 AM to 9:48 | 166 | Does Vasopressor Timing Harm the Liver? A Doubly Robust Causal Analysis of Hepatic Microcirculatory Failure in Septic Shock Patients with Liver Compromise Using MIMIC-IV | Gunjan Vasant Ramteke |
| 9:48 AM to 10:00 | 185 | Evidence-Gated Autonomy: A Framework for Binding Autonomous Incident Response to Corroborated System Evidence | Narayana Rajasekhar Vemburaj |
| 10:00 AM – 11:00 AM | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 20 · TRACK 10

● Slot 2 · Morning session · Sessions 11–20 · Tracks 1–10 · 59 papers

TIME (LOS ANGELES)
**9:00 AM – 11:00 AM**

**Meeting Link:** meet.google.com/gjf-amea-gco
**Watch live or replay on YouTube:** youtu.be/RmlyzXtDb64

YOUR LOCAL TIME
India 10:30 PM – 12:30 AM · Berlin 6:00 PM – 8:00 PM · Singapore 1:00 AM – 3:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Shahid S. Modasiya**
Associate Professor, Department of Electronics & Communication Engineering, Vishwakarma Government Engineering College, Chandkheda, India

SESSION CHAIR 2:
**Dr. Balvant Makwana**
Associate Professor, Vishwakarma Government Engineering College, Chandkheda, Ahmedabad, India

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **9:00 AM** to 9:12 | **214** | AI-Based Retail Investment Analytics Using Cognitive Bias- Aware Reinforcement Learning in Emerging Markets | **Sambit Dhar** |
| **9:12 AM** to 9:24 | **234** | An Integrated AI-Blockchain Architecture for Secure Electronic Health Records and Predictive Workflows | **Sambit Dhar** |
| **9:24 AM** to 9:36 | **539** | Privacy-Preserving Edge Intelligence for Human Activity Recognition on Resource-Constrained Devices | **Sambit Dhar** |
| **9:36 AM** to 9:48 | **225** | A Unified Deep Learning Framework for Object Detection, Lane Detection, and Trajectory Prediction in Autonomous Driving | **MD Monirul Islam** |
| **9:48 AM** to 10:00 | **235** | Immersive Proposal Design Revisited: Extending Augmented And Virtual Reality Applications From B2B Marketing To Federal Source Selection | **Ritesh Ravindra Lad** |
| **10:00 AM** to 10:12 | **283** | R2C-Compiler: Incident-Informed Risk-to-Control Compilation for Governable AI Systems | **Kamal Malik** |
| **10:12 AM – 11:00 AM** | | *Session close · open discussion · next slot starts at 11:00 AM* | |

# SESSION 21 · TRACK 1

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

**Meeting Link:** meet.google.com/rdz-tigf-ybw
**Watch live or replay on YouTube:** youtu.be/TYNRYgm-psg

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

**MODERATOR:**
**[Name]**

**SESSION CHAIR 1:**
**Devyendar Maganti**
Lead Platform Engineer, Prudential Financial, United States

**SESSION CHAIR 2:**
**Anuj Ashok Potdar**
Senior Software Engineer, KAYAK Software Corporation, United States

**SESSION CHAIR 3:**
**Karthik Mani**
Director, CBRE, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 11:00 AM to 11:12 | 440 | ChainCrypt – Traffic: A Hybrid Decentralized Security Model for Secure Real-Time Traffic Data Exchange in Smart Urban Systems | Mutahar Mujahid Mohammed |
| 11:12 AM to 11:24 | 515 | AI-Driven Cybersecurity and Cloud Intelligence Frameworks for Scalable Digital Transformation Systems | Shreyas Shah |
| 11:24 AM to 11:36 | 524 | Secure Enterprise Cloud Frameworks Using Generative AI, Machine Learning, and Large Language Model Technologies | Chaitanya Devella |
| 11:36 AM to 11:48 | 531 | A Resilient and Adaptive Framework for Behavioral Anomaly Detection and Enterprise AI-Agent Governance Using Intelligent Telemetry Analytics | Vinay Chowdary Duvvada |
| 11:48 AM to 12:00 | 603 | Adaptive Runtime Guardrails for Preventing Prompt Injection Attacks in Agentic AI Workflows | RAVINDRA BABU ANNAM |
| 12:00 PM to 12:12 | 606 | Policy-Aware Generative AI for Secure Financial Data Access in Cloud ERP | Sridher Perike |
| 12:12 PM – 1:00 PM | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 22 · TRACK 2

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

**Meeting Link:** meet.google.com/emd-kwit-put
**Watch live or replay on YouTube:** youtu.be/IjR8Q9fiVzQ

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Bhagath Siddi**
Engineering Manager, Software Engineering, United States

SESSION CHAIR 2:
**Deepak Singh**
Principal Solution Architect, Gainwell Technologies, United States

SESSION CHAIR 3:
**Vinayak Vashishtha**
University of Maryland and Amazon, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **11:00 AM** to 11:12 | **634** | Artificial Intelligence-Driven Cybersecurity Framework for Advanced Persistent Threat Detection and Autonomous Defense in Smart Electrical and Electronic Networks | **Raghava Chellu** |
| **11:12 AM** to 11:24 | **712** | GATE-DT: Trust-Gated Operational Digital Twins for Secure Distributed Retail and E-Commerce | **Pradnil Rajankar** |
| **11:24 AM** to 11:36 | **722** | AERIS and SMART: Two Governance-First Frameworks for AI-Assisted Decision-Making and Adaptive Message Routing in Enterprise Event-Driven Systems | **Sarath Kumar Kallayil Sreedharan** |
| **11:36 AM** to 11:48 | **774** | A Zero-Trust Security Architecture for Authentication, Authorization, and ML-Based Threat Defense in AI Agents | **Mahesh Mole** |
| **11:48 AM** to 12:00 | **793** | Context-Aware Privileged Access Management for Securing Financial APIs and Cloud-Native Banking Infrastructure | **Sudheer Karanam** |
| **12:00 PM** to 12:12 | **802** | Evidence-Driven Log Intelligence for Alert Storms: A Human-Verified Framework for Pattern Clustering and Root-Cause Ranking | **Sunil Agarwal** |
| **12:12 PM – 1:00 PM** | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 23 · TRACK 3

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

Meeting Link: meet.google.com/evp-hawq-rbf
Watch live or replay on YouTube: youtu.be/XTIUrIfepsk

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Mohamed Shahid Pasha**
Director, Customer Success, Independent Researcher, United States

SESSION CHAIR 2:
**Sandeep Shivam**
Associate Director – Product Management, Tavant, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **11:00 AM** to 11:12 | **807** | An Adaptive and Explainable Machine Learning Architecture for Network Anomaly Detection and Intelligent Cyber Threat Mitigation | **Sridhar Sriharsha Rachakonda** |
| **11:12 AM** to 11:24 | **809** | A Next-Generation Cyber Defence Framework Using Optimized Deep Learning for Intelligent Threat Detection and Network Security | **Sridhar Sriharsha Rachakonda** |
| **11:24 AM** to 11:36 | **597** | A Modular Skills-and-Integrations Architecture for Composable Enterprise AI Agents | **Shivani Garg** |
| **11:36 AM** to 11:48 | **604** | InferenceGuard-X: A Systematic Review of Agentic Architectures for Self-Benchmarking and Adaptive Guardrail Selection in LLM Engineering Prototypes on AWS | **Pooja Gopu** |
| **11:48 AM** to 12:00 | **789** | Utility-Aware Adaptive AutoML for Concept-Drift-Resilient Enterprise Stream Analytics and SLA-Constrained Decision Optimization | **Rajasekhar Gogula** |
| **12:00 PM** to 12:12 | **796** | AI-Integrated Adaptive Test Automation for Risk-Aware Regression Testing in Agile Software Development | **Sesank Vardhan Arepalli** |
| **12:12 PM – 1:00 PM** | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 24 · TRACK 4

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

**Meeting Link:** meet.google.com/fso-mkyr-ghh
**Watch live or replay on YouTube:** youtu.be/m3NwOZ-5Pc8

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Sourav Sarkar**
Senior Worldwide Specialist Solutions Architect, Amazon Web Services (AWS), United States

SESSION CHAIR 2:
**Syed Abdul Aziz Syed Barey**
Senior Manager, Operations Support, Western Governors University, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 11:00 AM to 11:12 | 618 | Downstream Database Workload and Query Fan-Out in Natural-Language Data Agents | Venkata Rao Kondepati |
| 11:12 AM to 11:24 | 785 | Evaluating Recovery-State Information in Receipt-Time Solar Forecasting | Venkata Rao Kondepati |
| 11:24 AM to 11:36 | 823 | Risk-Adaptive Customer Identity Access Control and Authorization Framework | Venkata Rao Kondepati |
| 11:36 AM to 11:48 | 693 | How Much Time Do You Have to Say Stop? A Detection-and-Recovery Framework for Safe Tool Use in On-Device Agentic AI | Sharath Chandra Kampili |
| 11:48 AM to 12:00 | 725 | Code Before Cognition: A Framework for Reducing Token Cost via Deterministic Substitution in Agentic LLM Systems | Asker Shariff Subahan |
| 12:00 PM to 12:12 | 726 | Agent Determinism: A Layered Boundary and Operational-Equivalence Framework for Multi-Agent LLM Systems | Asker Shariff Subahan |
| 12:12 PM – 1:00 PM | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 25 · TRACK 5

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

**Meeting Link:** meet.google.com/zuy-gwdf-ajj
**Watch live or replay on YouTube:** youtu.be/sE-myPsxbjA

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Venkat Phanindra G**
Principal Technical Engineer, Oracle, United States

SESSION CHAIR 2:
**Venkata Chalamaiah Paladugu**
DevOps Engineer, Experian, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **11:00 AM** to 11:12 | **730** | Attributing and Budgeting the Cost of Agentic AI Under Stated Uncertainty: A Task-Level Total Cost of Ownership Model | **Xiaochao Pu** |
| **11:12 AM** to 11:24 | **748** | ChatOps-Driven Autonomous Remediation: Closed-Loop Multi-Agent Frameworks for Asynchronous Software Patching in Enterprise CI/CD Pipelines | **Vidhi Shah** |
| **11:24 AM** to 11:36 | **782** | Deterministic Agentic Workflows for CI/CD Pipeline Remediation: A Type Safe Graph Based Framework Approach Using Standardized Context Protocols | **Vidhi Shah** |
| **11:36 AM** to 11:48 | **752** | Who Approved This Action? Evaluating Privilege and Permission Enforcement in Autonomous AI Agent Execution | **Heamandeep Kaur** |
| **11:48 AM** to 12:00 | **754** | Adaptive Hybrid Retrieval with Vector Databases and Dynamic Query Routing | **Jayant Gupta** |
| **12:00 PM** to 12:12 | **779** | Unifying Fragmented SLA/SLO Observability Across Business Units: An Executive Reporting Automation SaaS Quality Framework | **Chitra Jagannathan** |
| **12:12 PM – 1:00 PM** | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 26 · TRACK 6

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

**Meeting Link:** meet.google.com/rir-oriv-wfo
**Watch live or replay on YouTube:** youtu.be/i6fCsnr9MCg

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Vijayakumar Reddy Yeddula**
Mechanical Product Engineering, Artificial Intelligence & Digital Engineering, United States

SESSION CHAIR 2:
**Amit Walia**
Research Engineer, Amazon, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 11:00 AM to 11:12 | 784 | Budget-Aware Tool Selection for Multi-Step AI Agents: A Comparative Study of Accuracy, Latency and Cost | Kabi Prasad Samal |
| 11:12 AM to 11:24 | 812 | Mask, Pseudonymise, or Keep? How PII Redaction Strategies Affect LLM Annotation of Customer-Support Tickets | Tejas Jambekar |
| 11:24 AM to 11:36 | 437 | A Cloud-Native API Traffic Monitoring Framework using Prometheus and Grafana | srija rajak |
| 11:36 AM to 11:48 | 563 | AI-Driven Predictive Energy Optimization for Data Center Cooling Infrastructure Using Time-Series Learning | Siddartha Reddy Janampally |
| 11:48 AM to 12:00 | 581 | Graph Neural Networks for Dependency-Aware Failure Prediction in Hybrid Cloud Infrastructure | Yesudaya Kunchala |
| 12:00 PM to 12:12 | 582 | A Federated Learning Framework for Cross-Organization Cloud Security Threat Detection Without Data Sharing | Yesudaya Kunchala |
| 12:12 PM – 1:00 PM | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 27 · TRACK 7

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

**Meeting Link:** meet.google.com/cpq-xyjh-ijb
**Watch live or replay on YouTube:** youtu.be/X3t72NNHZck

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Rengarajan Jegadeesan**
Senior Software Engineer, Microsoft, United States

SESSION CHAIR 2:
**Yuvaraj Selvaraj**
Software Engineering Manager, Apple Inc., United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 11:00 AM to 11:12 | 681 | Real-Time Personalization at Scale: A Vector-Native Lakehouse Architecture Unifying Transactional SAP Data and Behavioral Streams for E-Commerce Recommendation Engines | Jagan Ankam |
| 11:12 AM to 11:24 | 694 | Self-Healing Financial Data Pipelines Using AI Automation, Microservices and Apache Spark | Tina Lekshmi Kanth |
| 11:24 AM to 11:36 | 700 | From Manual Data Cubes to Event-Driven Automation: A Serverless Pipeline Architecture for End-to-End Monthly Revenue Forecast Data Management | Soumya Gummalla |
| 11:36 AM to 11:48 | 791 | Bulk Loading Partitioned Graph Databases from Distributed File Systems: A Comparative Evaluation of Spark-Based Ingestion Strategies | Abhishek Krishnakumar Shukla |
| 11:48 AM to 12:00 | 804 | Predictive Resource Scaling in Kubernetes-Based Cloud Infrastructure Using Machine Learning | Bharath Sai |
| 12:00 PM to 12:12 | 601 | Experiment-Calibrated Bayesian Marketing Mix Modelling with Healthcare-Provider Network Spillovers and Treatment Heterogeneity | Karan Dhir |
| 12:12 PM – 1:00 PM | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 28 · TRACK 8

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

Meeting Link: meet.google.com/hky-vruk-kxd
Watch live or replay on YouTube: youtu.be/BZIsLa5h1Fo

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Shankar Subramanian**
Principal Data Engineer, The TJX Companies, Inc., United States

SESSION CHAIR 2:
**Nithish Yadav Thotla**
AI Developer, Ball State University, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **11:00 AM** to 11:12 | **738** | Architectural Determinism in Legacy Modernization: AI Driven Logic Extraction and GenAI Blueprint Ingestion for Healthcare Enterprises | **Saravana Kumar Murugesan** |
| **11:12 AM** to 11:24 | **741** | Contextual Speech Recognition and Patient Entity Resolution for Clinical Voice Assistants | **Jobinesh Purushothaman Manakkattil** |
| **11:24 AM** to 11:36 | **668** | Trustworthy AI for Financial Markets: Explainability, Uncertainty Quantification, and Robust Decision-Making Under Regime Shifts | **ChaitanyaKrishna Badarla** |
| **11:36 AM** to 11:48 | **735** | Harmonized Behavioral Analytics for Credit Risk: A Multi-Source Framework for loss optimization and Risk-Tier segmentation | **Abhinav Kumar** |
| **11:48 AM** to 12:00 | **492** | Edge-Enabled Demand Intelligence for Adaptive Inventory Coordination in Connected Retail Ecosystems | **Rajesh Reddy Ellenki** |
| **12:00 PM** to 12:12 | **498** | Self-Governing Data Fabric for Resilient Analytics and Energy-Efficient Data Center Operations | **Sreenivasulu Naidu Yalakaturi** |
| **12:12 PM – 1:00 PM** | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 29 · TRACK 9

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

Meeting Link: meet.google.com/nxd-kacj-dhm
Watch live or replay on YouTube: youtu.be/gCqOh7VoahA

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Pavan Koppula**
Senior Salesforce Developer, Truist, United States

SESSION CHAIR 2:
**Soumyajit Mukherjee**
Sr Manager, Data Engineering, Shutterfly Inc, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **11:00 AM** to 11:12 | **697** | Machine Learning-Based Fault Detection and Condition Monitoring of Electrical Drive Systems | **Gopichand Sirigiri** |
| **11:12 AM** to 11:24 | **770** | One Extra Round Trip: What Post-Quantum TLS 1.3 Costs over LEO, GEO and IoT-NTN | **Venkatesh Cumbakonam Gokulraju** |
| **11:24 AM** to 11:36 | **806** | PREDICTING LAST-MILE DELIVERY DELAYS USING MACHINE LEARNING ACROSS URBAN DELIVERY NETWORKS | **Sachidananda Singh** |
| **11:36 AM** to 11:48 | **682** | Adaptive Parallelism Optimization for Resource-Efficient Apache Flink Stream Processing | **Ravichander Reddy Goli** |
| **11:48 AM** to 12:00 | **688** | A Scalable Feature Engineering Framework for Accelerating Personalized Search Ranking in E-Commerce | **Divya Mokkapati** |
| **12:00 PM** to 12:12 | **703** | Beyond Desk-Bound IT Service Management: Determinants of Mobile ServiceNow Adoption Among Frontline Government and Field Workers | **Sindhu Bhargavi Vajja** |
| **12:12 PM – 1:00 PM** | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 30 · TRACK 10

● Slot 3 · Morning session · Sessions 21–30 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**11:00 AM – 1:00 PM**

**Meeting Link:** meet.google.com/znx-ciov-ryx
**Watch live or replay on YouTube:** youtu.be/BhMrzUGfS5Y

YOUR LOCAL TIME
India 12:30 AM – 2:30 AM (Sun Dec 13) · Berlin 8:00 PM – 10:00 PM · Singapore 3:00 AM – 5:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Pritesh Gehlot**
Sr Architect, Staples Inc, United States

SESSION CHAIR 2:
**Ameya Chhatre**
Sr. Software Engineer, PAYPAL INC, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **11:00 AM** to 11:12 | **708** | Quantum–Classical Hybrid Machine Learning Model for Chest X-Ray Image Classification | **Sivagnana Raj Shanmuganathan** |
| **11:12 AM** to 11:24 | **713** | Workflow-Aware Container Recycling for GPU AI Workflows: Choosing a Residency Policy by Traffic Shape | **Darshan Botadra** |
| **11:24 AM** to 11:36 | **720** | TRACE-SASE: Telemetry Trust Assessment and Controlled Enforcement for SASE | **Sanjay Poddar** |
| **11:36 AM** to 11:48 | **742** | AI-Driven Retail Sales Intelligence for Opportunity-Aware Revenue Forecasting and Decision Support | **Rajesh Ediga** |
| **11:48 AM** to 12:00 | **771** | An Architecture for Voice Delivered Irrigation Decision Support in Connectivity Constrained Farms | **Naresh Alapati** |
| **12:00 PM** to 12:12 | **787** | The Cost of Delayed Decisions: Forecast Accuracy and Budget Reallocation in Enterprise FP&A | **Albin Joseph** |
| **12:12 PM – 1:00 PM** | | *Session close · open discussion · next slot starts at 1:00 PM* | |

# SESSION 31 · TRACK 1

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

Meeting Link: meet.google.com/ird-gaub-rrf
Watch live or replay on YouTube: youtu.be/lPm7ZtXReuQ

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Asker Shariff Subahan**
Enterprise Support Manager, Amazon Web Services, United States

SESSION CHAIR 2:
**Jayant Gupta**
Oracle, United States

SESSION CHAIR 3:
**Deepak Saxena**
Director, Data Science, TWG AI, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 1:00 PM to 1:12 | 826 | Enhanced Machine Learning Framework for Differential Privacy Risk Prediction in Distributed Data Environments | Kranthi Kumar Boyapati |
| 1:12 PM to 1:24 | 828 | Formalizing the Identity-Centric Security Model: A Mathematically Grounded Multi-Cloud IAM Framework | Sapthagirinath Tanikonda |
| 1:24 PM to 1:36 | 839 | An AI-Driven Framework for API Governance and API Security Using Machine Learning-Based Threat Intelligence and Compliance Analytics | Rinu Goldgin Dhanaraj |
| 1:36 PM to 1:48 | 842 | Agentic AI Framework for Unseen Attack-Family Detection and Risk-Aware Response Orchestration | Akash Verma |
| 1:48 PM to 2:00 | 848 | From AI Agents to Business Value: Practical Governance in ERP, Supply Chain, and Manufacturing | Srinivasan Narayanan |
| 2:00 PM to 2:12 | 1056 | Real-Time Personalization Using AI and Customer Browsing Patterns | Manideep Prathipati |
| 2:12 PM – 3:00 PM | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 32 · TRACK 2

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

**Meeting Link:** meet.google.com/vdm-yvqi-hjy
**Watch live or replay on YouTube:** youtu.be/e9a0zG49VyY

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Pramod Begur Nagaraj**
Independent Researcher – Cloud, AI Infrastructure & DevOps, United States

SESSION CHAIR 2:
**Siddhanta Panda**
ForgeMind LLC, United States

SESSION CHAIR 3:
**Krishnavamsi Gujju**
Software Development Engineer, Independent Researcher, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 1:00 PM to 1:12 | 875 | Zero-Trust AI Inference Architectures for Sensitive Healthcare and Financial Data | Amiya Mohanty |
| 1:12 PM to 1:24 | 876 | Policy-Embedded AI Architecture for National-Scale Healthcare Claims Verification | Amiya Mohanty |
| 1:24 PM to 1:36 | 969 | Explainable Machine Learning for Real-Time Fraud Detection in Digital Payment Ecosystems: A Systematic Review | Bhagath Kumar Siddi |
| 1:36 PM to 1:48 | 972 | Intelligent ERP Systems for Real-Time Financial Visibility and Supply Chain Resilience Using Artificial Intelligence | Bhagath Kumar Siddi |
| 1:48 PM to 2:00 | 975 | Federated Learning for Privacy-Preserving Credit Risk Assessment in Digital Banking | Harshavardhan Peddireddy |
| 2:00 PM to 2:12 | 1000 | A Federated Agentic AI Framework for Privacy-Preserving Clinical Decision Support Across Distributed Healthcare Systems | Charishma Dudde |
| 2:12 PM – 3:00 PM | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 33 · TRACK 3

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

Meeting Link: meet.google.com/aak-cjeb-zfw
Watch live or replay on YouTube: youtu.be/DBBzaS-owoY

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Asha Kiran Ganesna**
General Mills Inc, United States

SESSION CHAIR 2:
**Kshitij Goel**
Senior Consultant / Account Executive, Wipro, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 1:00 PM to 1:12 | 1002 | A Privacy-Preserving Federated AI Architecture for Cross-Cloud Anomaly Detection in Regulated Enterprise Environments | Budhaditya Roy |
| 1:12 PM to 1:24 | 1004 | A Cloud-Native AI Architecture for Detecting Authorized-Payment Fraud Through Behavioral Deviation Analysis and Transaction Context Modeling | Shailesh Sayarmal Chaudhary |
| 1:24 PM to 1:36 | 1005 | A Causal Anomaly Detection Framework for Identifying Synthetic Identity Fraud Across Distributed Digital Banking Ecosystems | Anokh Kishore |
| 1:36 PM to 1:48 | 1006 | A Real-Time Financial Fraud Detection Framework Using Streaming Graph Intelligence and Adaptive Risk Scoring in Multi-Cloud Banking Platforms | Anshul Bakode |
| 1:48 PM to 2:00 | 1007 | A Verifiable Agentic AI Architecture for Secure Tool Invocation, Policy Enforcement, and Autonomous Task Execution in Regulated Cloud Environments | Nagendra Aswath Panduranga |
| 2:00 PM to 2:12 | 1011 | A Federated Multi-Agent AI Framework for Privacy-Preserving Clinical Decision-Making Across Interoperable Healthcare Networks | Abhi Lakshay |
| 2:12 PM – 3:00 PM | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 34 · TRACK 4

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

**Meeting Link:** meet.google.com/epz-xwpb-www
**Watch live or replay on YouTube:** youtu.be/no5sPMMkM6s

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Avinash Ranganath**
Amazon Web Services, United States

SESSION CHAIR 2:
**Manikandan Mylsamy**
Amazon Web Services, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 1:00 PM to 1:12 | 1012 | An Explainable AI Architecture for Detecting Healthcare Claims Fraud Through Temporal Graph Learning and Clinical-Billing Consistency Analysis | Vipin Gupta |
| 1:12 PM to 1:24 | 1041 | A DevSecOps Platform for 1,000+ Microservices: Architecture, Policy Enforcement and Security Gates | Ganesh Kenda |
| 1:24 PM to 1:36 | 1048 | AI-Based Intrusion Detection for Telecommunications Networks | Sathyaraj Kolandasamy |
| 1:36 PM to 1:48 | 1050 | A Security Champions Program for 3,000 Developers: Embedding Advocates in Product Teams and Cutting Security Feature Delivery Time by 25% | Ramesh Jallu |
| 1:48 PM to 2:00 | 1051 | AI-Driven Intelligent Network Security Monitoring Interface | Suresh Babu Maddineni |
| 2:00 PM to 2:12 | 1055 | Real-Time Threat Protection for AI Agents: Runtime Context Propagation to Security Engines at 350,000 Tool Calls per Day | Saumitra Shukla |
| 2:12 PM – 3:00 PM | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 35 · TRACK 5

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

Meeting Link: meet.google.com/kqs-gvzr-tmv
Watch live or replay on YouTube: youtu.be/GVMiplaKvU8

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Selvamurugan Ramamoorthy**
Moderna, United States

SESSION CHAIR 2:
**Aritra Pal**
Senior Manager – Strategic Modeling & Analytics, First Citizens Bank, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **1:00 PM** to 1:12 | **829** | A Scalable Multi-Agent AI Architecture for Edge-Aware Real-Time Personalization in Enterprise Digital Commerce | **Ashwaray Chaba** |
| **1:12 PM** to 1:24 | **858** | TwinAgent-ERP: A Process-Aware Digital Twin with Cooperative Scheduling Agents for Cloud Financial Workflows | **Sudhakara rao kovuru** |
| **1:24 PM** to 1:36 | **864** | RevFlow-XAI: A Federated Neuro-Symbolic Multi-Agent Framework for Explainable Insurance Claim Denial Risk and Workforce-Aware Revenue-Cycle Optimization | **Vijay Bomma** |
| **1:36 PM** to 1:48 | **868** | A Resource-Aware AI Architecture for Optimizing GPU Allocation and Energy Efficiency Across Multi-Cloud Generative AI Workloads | **Amol Khadge** |
| **1:48 PM** to 2:00 | **980** | A Causal AI-Based Framework for Root-Cause Localization of Cascading Failures in Distributed Cloud-Native Applications | **Amol Khadge** |
| **2:00 PM** to 2:12 | **1061** | Counterfactual DAG Scheduling for Interference-Aware Shared Data Processing Clusters | **Jashwanth Yenumula** |
| **2:12 PM – 3:00 PM** | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 36 · TRACK 6

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

Meeting Link: meet.google.com/srs-ntxy-fva
Watch live or replay on YouTube: youtu.be/di9UiO7O_h8

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Vyshak Bellur**
Senior Full-Stack / Platform Engineer, JPMorgan Chase & Co., United States

SESSION CHAIR 2:
**Ayush Yajnik**
Analytics Engineer – Data Scientist, AAA Life Insurance Company, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 1:00 PM to 1:12 | 870 | Risk-Aware Tool Execution in AI Agents Through Permission Checks and Human Approval Policies | Ratnakar Pandey |
| 1:12 PM to 1:24 | 1008 | An Agentic AI Framework for Adaptive Financial Fraud Investigation Using Transaction Graphs, Evidence Provenance, and Human-Guided Decisions | Ratnakar Pandey |
| 1:24 PM to 1:36 | 871 | A Multi-Agent Reasoning Framework for Autonomous Root-Cause Analysis and Recovery Planning in Distributed Enterprise Systems | Sayan Bishnu |
| 1:36 PM to 1:48 | 1003 | An AI-Driven Self-Healing Cloud Architecture for Autonomous Recovery From Infrastructure Degradation Using Risk-Constrained Remediation | Sayan Bishnu |
| 1:48 PM to 2:00 | 873 | A Risk-Bounded Multi-Agent AI Framework for Autonomous Decision-Making in Mission-Critical Enterprise Workflows | Nikhil Eatalpacka |
| 2:00 PM to 2:12 | 984 | Beyond Human Principals - Governing AI Agents on the Lakehouse with Unity Catalog | Himanshu Agarwal |
| 2:12 PM – 3:00 PM | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 37 · TRACK 7

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

Meeting Link: meet.google.com/abf-jjbv-rnf
Watch live or replay on YouTube: youtu.be/pk_2zPGt_Vg

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Manivannan Mari**
Senior Software Engineering Manager, Technology Professional, United States

SESSION CHAIR 2:
**Dr. Rakesh Agarwal**
Senior Consultant, Atos, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **1:00 PM** to 1:12 | **998** | FinOps for Generative AI: A Systematic Review of the Unit Economics of Multi-Agent Large Language Model Systems | **Aneesh Varghese** |
| **1:12 PM** to 1:24 | **1009** | A Memory-Governed Agentic AI Architecture for Reliable Long-Horizon Planning and Context Preservation in Enterprise Automation | **Ankit Arya** |
| **1:24 PM** to 1:36 | **1013** | A Self-Optimizing Multi-Agent AI Framework for Autonomous Task Planning, Dynamic Resource Allocation, and Long-Horizon Workflow Orchestration | **Priya Srinivasan** |
| **1:36 PM** to 1:48 | **1014** | A Trust-Aware Agentic AI Architecture for Autonomous Decision-Making, Tool-Use Verification, and Fault Recovery in Distributed Enterprise Environments | **Anugrah Gaikwad** |
| **1:48 PM** to 2:00 | **1015** | Agentic AI-Driven Self-Healing CI/CD Pipelines for iOS and tvOS Applications: An Intelligent Failure Detection, Diagnosis, and Automated Recovery Framework Using GitHub Actions | **Soupal Mudi** |
| **2:00 PM** to 2:12 | **1045** | A Domain-Adapted Retrieval-Augmented Generation Platform for 90,000 Enterprise Users: Design and Measured Accuracy Gains | **Sumit Khanna** |
| **2:12 PM – 3:00 PM** | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 38· TRACK 8

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

**Meeting Link:** meet.google.com/wvq-evfe-rbk
**Watch live or replay on YouTube:** youtu.be/ZU-D4JHYvtU

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Prashant Maria**
Customer Experience Manager – Production Support, Cisco Inc., United States

SESSION CHAIR 2:
**Osama M. Ghanem**
Senior IT Service Delivery Manager, Chicago, Illinois, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **1:00 PM** to 1:12 | **1057** | Lineage-Aware Retrieval-Augmented Generation over Enterprise Data Platforms: Improving Answer Grounding and Freshness | **Sriharsha Gudi** |
| **1:12 PM** to 1:24 | **1063** | Agentic Retrieval-Augmented LLMs for Explainable Inbound Delivery Risk Intelligence and Human-in-the-Loop Decision Support | **Tharun Sadula** |
| **1:24 PM** to 1:36 | **1064** | A Next-Generation Agent-to-Agent Trust and Negotiation Framework for Autonomous Healthcare Enterprises | **Trupti Raikar** |
| **1:36 PM** to 1:48 | **846** | Metadata-Driven, Host-Independent Telemetry Pipelines for Reliable Observability in Autonomous Cloud Databases | **Balakrishnan Jayasankar** |
| **1:48 PM** to 2:00 | **854** | Adaptive Incremental ETL Framework for Efficient Large-Scale Data Processing | **Madhu Sudan Gandotra** |
| **2:00 PM** to 2:12 | **855** | Dependency-Aware Explainable AI for Risk Prioritization in Legacy-to-Cloud Financial Platform Modernization | **Balaji Conda Shankar** |
| **2:12 PM – 3:00 PM** | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 39· TRACK 9

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

**Meeting Link:** meet.google.com/bmw-fkxq-nct
**Watch live or replay on YouTube:** youtu.be/jnwaWamc-u4

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Prashant Sharma**
Solution Architect, Optum, United States

SESSION CHAIR 2:
**Kajal RadheKrishna Pandey**
Senior Product Manager, Walmart, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 1:00 PM to 1:12 | 859 | FedX-FinGuard: Calibrated Personalised Federated Learning for Auditable Financial Risk Screening in Cloud ERP Workflows | Suresh Nagavarapu |
| 1:12 PM to 1:24 | 888 | Estimate Turnaround Time Optimization Through Automation and Database Management in Solar EPC: A Case Study | Varun Harnathka |
| 1:24 PM to 1:36 | 1001 | A Graph Neural Network Framework for Predicting Cascading Supply Chain Disruptions Across Interdependent Critical Infrastructure Networks | Yasir Alvi |
| 1:36 PM to 1:48 | 976 | AI-Driven Financial Forecasting: A Comparative Study of Deep Learning Models for FinTech Applications | Kamini Sharma |
| 1:48 PM to 2:00 | 1047 | Scaling Probabilistic Products: A Scaled Agile Framework for AI Product and Project Management across Retail, FinTech, and Core Banking | Amit Gamot |
| 2:00 PM to 2:12 | 1062 | A Scalable AI-Based Framework for Real-Time Parcel Dimension Estimation and 3D Detection in Inbound Supply Chains | Viswamithra Vallabhaneni |
| 2:12 PM – 3:00 PM | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 40· TRACK 10

● Slot 4 · Afternoon session · Sessions 31–40 · Tracks 1–10 · 60 papers

TIME (LOS ANGELES)
**1:00 PM – 3:00 PM**

**Meeting Link:** meet.google.com/iiv-zxzs-cmo
**Watch live or replay on YouTube:** youtu.be/6HymMr2kjp0

YOUR LOCAL TIME
India 2:30 AM – 4:30 AM (Sun Dec 13) · Berlin 10:00 PM – 12:00 AM · Singapore 5:00 AM – 7:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Mrugesh D. Kharwar**
Operations Manager, Westcliff University, Irvine, California, United States

SESSION CHAIR 2:
**Deep Barot**
Cybersecurity Engineer, Kedar Infotech, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **1:00 PM** to 1:12 | **869** | AI-Enabled Cross-Functional Decision Framework for NPI-to-Volume Manufacturing Transition: Integrating Engineering, Sourcing, Quality, and Supply-Chain Readiness | **Aamir Ahmed** |
| **1:12 PM** to 1:24 | **874** | A Digital Twin-Driven Framework for Real-Time Supply Chain Resilience Assessment Under Geopolitical and Logistics Disruptions | **Aamir Ahmed** |
| **1:24 PM** to 1:36 | **903** | Vector-Free Enterprise Question Answering over Open Knowledge Format Bundles with Claude Sonnet on Amazon Bedrock | **Swetha Gone** |
| **1:36 PM** to 1:48 | **1058** | Deadline-Constrained Adaptive Buffering for Battery-Powered IoT Devices: Energy–Data Freshness Trade-offs | **Tanmay Sane** |
| **1:48 PM** to 2:00 | **877** | Uncertainty-Aware Capacity Planning for E-Waste Recycling: Comparing Safety Margins and Scenario Quantiles | **Shankar Sampath** |
| **2:00 PM** to 2:12 | **974** | An Explainable AI Framework for ERP-Based Demand Forecasting and Enterprise Risk Management | **Swati Prajapat** |
| **2:12 PM – 3:00 PM** | | *Session close · open discussion · next slot starts at 3:00 PM* | |

# SESSION 41·TRACK 1

● Slot 5 · Afternoon session · Sessions 41–46 · Tracks 1–6 · 42 papers

TIME (LOS ANGELES)
**3:00 PM – 5:00 PM**

Meeting Link: meet.google.com/nyk-oqce-ufv
Watch live or replay on YouTube: youtu.be/2OH8Y9D8dsM

YOUR LOCAL TIME
India 4:30 AM – 6:30 AM (Sun Dec 13) · Berlin 12:00 AM – 2:00 AM (Sun Dec 13) · Singapore 7:00 AM – 9:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Dr. Radhega Ramasamy**
City University, Malaysia

SESSION CHAIR 2:
**Dr. Bui Thanh Khoa**
Associate Professor, Industrial University of Ho Chi Minh City, Vietnam

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **3:00 PM** to 3:12 | **880** | Digital Twin-Enabled Predictive-Reactive-Adaptive Framework for Railway Bogie Health Management: Integrating Temporal Convolutional Networks with Online Anomaly Detection | **Mingyang Luo** |
| **3:12 PM** to 3:24 | **881** | AutoDataAgent: An LLM-Based Multi-Agent Framework for Automated Data Analysis and Report Generation | **Jiahang He** |
| **3:24 PM** to 3:36 | **941** | Portfolio Orchestration Based on Reinforcement Learning in Cloud-Native Digital Investment Infrastructure: A Research on Latency-Aware Microservice Architecture for Real-Time Alpha Extraction | **Zhenyu Fei** |
| **3:36 PM** to 3:48 | **910** | Machine Learning-Based Fault Diagnosis of Marine Shipboard Power Systems Using Multisource Electrical Measurements | **Ruijia Zhang** |
| **3:48 PM** to 4:00 | **906** | AI-Assisted Vision Measurement of Deep Excavation Deformation in Power Substation Construction and Spatio-Temporal Prediction Method | **Xue Wu** |
| **4:00 PM** to 4:12 | **909** | Data-Driven Machine Learning Framework for Demand Response Prediction and Real-Time Dispatch of Virtual Power Plants | **Kaichun Cao** |
| **4:12 PM** to 4:24 | **59** | Cloud-Native Data Pipeline Architecture for AI-Ready Enterprise Analytics at Scale | **Avinash Yeluri** |
| **4:24 PM – 5:00 PM** | | *Session close · open discussion · end of Day 2* | |

# SESSION 42 · TRACK 2

● Slot 5 · Afternoon session · Sessions 41–46 · Tracks 1–6 · 42 papers

TIME (LOS ANGELES)
**3:00 PM – 5:00 PM**

Meeting Link: meet.google.com/ign-bvep-bbw
Watch live or replay on YouTube: youtu.be/OUM1gySRDR4

YOUR LOCAL TIME
India 4:30 AM – 6:30 AM (Sun Dec 13) · Berlin 12:00 AM – 2:00 AM (Sun Dec 13) · Singapore 7:00 AM – 9:00 AM (Sun Dec 13)
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MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Albin Joseph**
FCCA, United States

SESSION CHAIR 2:
**Rupesh Rameshrao Dhore**
Senior Design Release Engineer, Solize USA Corporation, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 3:00 PM to 3:12 | 884 | Synergistic Effects of Hybrid Alumina and Boron Nitride Fillers on the Thermal Conductivity of Epoxy-Based Electronic Packaging Composites | Qihan Cheng |
| 3:12 PM to 3:24 | 886 | Digital Twin-Enabled Predictive Maintenance and Fault Early-Warning for Distribution Automation Systems | Lianxing Yue |
| 3:24 PM to 3:36 | 887 | Research on Perceived-Waiting-Time-Driven Adaptive Optimization of Interface Visual Feedback Based on PPO Reinforcement Learning | Jiaqing Jin |
| 3:36 PM to 3:48 | 940 | A Moving-Boundary Finite Volume Framework for Heat and Moisture Transfer in Shrinking Cylindrical Materials during Hot-Air Drying | Yitong Zhou |
| 3:48 PM to 4:00 | 955 | Multiphysics Coupled Modeling of Electromagnetic Induction Heating and Reaction Conversion in a Mechanically Stirred Chemical Reactor: Heat Transfer Uniformity and Its Impact on Material Balance | Yaxin Zong |
| 4:00 PM to 4:12 | 224 | A Network-Semantics-Constrained and Uncertainty-Aware AI Framework for Adversarially Robust IoT Intrusion Detection Using CICIoT2023 | Mukesh Gogu |
| 4:12 PM to 4:24 | 62 | A Governance Framework for Data Products Consumed Through Collaborative Interfaces | Kishore Bitra |
| 4:24 PM – 5:00 PM | | *Session close · open discussion · end of Day 2* | |

# SESSION 43· TRACK 3

● Slot 5 · Afternoon session · Sessions 41–46 · Tracks 1–6 · 42 papers

TIME (LOS ANGELES)
**3:00 PM – 5:00 PM**

Meeting Link: meet.google.com/jjb-xttg-tnp
Watch live or replay on YouTube: youtu.be/Ou9t4qLdKLc

YOUR LOCAL TIME
India 4:30 AM – 6:30 AM (Sun Dec 13) · Berlin 12:00 AM – 2:00 AM (Sun Dec 13) · Singapore 7:00 AM – 9:00 AM (Sun Dec 13)
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MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Aswathram Viswanathan**
Director, Cloud Supply Chain, Microsoft, United States

SESSION CHAIR 2:
**Gagan Vyas**
Member of Technical Staff, Everpure, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 3:00 PM to 3:12 | 794 | Adaptive k-Anonymity Enforcement for High-Throughput AI Data Streams: A Distributed Privacy Framework | Vamsi VB |
| 3:12 PM to 3:24 | 831 | A Zero-Trust Security Framework with Continuous Trust Evaluation for MQTT-Enabled IoT Systems | Satish Anchuri |
| 3:24 PM to 3:36 | 838 | A Multi-Agent Framework for Real-Time Financial Fraud Detection on Streaming Big Data | Deepesh Khanna |
| 3:36 PM to 3:48 | 912 | Artificial Intelligence-Powered Digital Twin and Cybersecurity Framework for Intelligent Monitoring and Predictive Maintenance of Critical Electrical Infrastructure | Amit Gupta |
| 3:48 PM to 4:00 | 111 | AtmoDiff: Score-Based Diffusion Models for Ultra-Fast Exoplanet Atmospheric Retrieval from JWST Transit Spectra | Md Abu Kawsar Prodhan Hemal |
| 4:00 PM to 4:12 | 466 | Hybrid Graph Neural Retrieval and Large Language Generation Framework for Scalable Knowledge Discovery | Ashish Garg |
| 4:12 PM to 4:24 | 75 | Black Box Networking: Inferring Internal Cloud Network Behavior Using External Measurements and Synthetic Probes | Sai Raghu Ram Gummadidala |
| 4:24 PM – 5:00 PM | | *Session close · open discussion · end of Day 2* | |

# SESSION 44· TRACK 4

● Slot 5 · Afternoon session · Sessions 41–46 · Tracks 1–6 · 42 papers

TIME (LOS ANGELES)
**3:00 PM – 5:00 PM**

Meeting Link: meet.google.com/wba-txdw-ozp
Watch live or replay on YouTube: youtu.be/HI9xdN39INQ

YOUR LOCAL TIME
India 4:30 AM – 6:30 AM (Sun Dec 13) · Berlin 12:00 AM – 2:00 AM (Sun Dec 13) · Singapore 7:00 AM – 9:00 AM (Sun Dec 13)
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MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Prasad Manda**
Technical Manager, Database Services, Concentra Health Services, Inc. (Concentra), United States

SESSION CHAIR 2:
**Sridher Perike**
Oracle Fusion Applications VP, The Citco Group Limited, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **3:00 PM** to 3:12 | **1065** | An Open Benchmark for Evaluating Authorization Failures in Autonomous AI Agents | **Mallikarjunarao Sunke** |
| **3:12 PM** to 3:24 | **1071** | Topology-Aware Collective Communication Scheduling for Low-Latency Distributed LLM Inference Across Heterogeneous Accelerator Fabrics | **Tanvi Desai** |
| **3:24 PM** to 3:36 | **545** | An AI-Driven Data Engineering Framework for Enterprise Data Quality, Analytics, and Executive Decision Support | **Purvi Joshi** |
| **3:36 PM** to 3:48 | **968** | AI-Driven Cloud Resource Optimization Using Predictive Analytics for Scalable Enterprise Applications: A Systematic Review | **Bhargav Krishna Korrapati** |
| **3:48 PM** to 4:00 | **1069** | Solving the Legacy-to-Cloud Migration Gap: A Zero-Downtime Transformation Methodology for Migrating Mission-Critical Banking Applications from Monolithic Unix to Cloud-Native Kubernetes | **Kuppusamy Vellamadam Palavesam** |
| **4:00 PM** to 4:12 | **1060** | A Reproducible Framework for Evaluating Data Quality in Electronic Health Records Using MIMIC-IV and Synthea | **Phani Kumar Bhagavatula** |
| **4:12 PM** to 4:24 | **80** | An Intent-Based Networking Framework for Policy Abstraction and Automation Across On-Premises and Cloud Environments | **Sriram Adityan Ashok Kumar Adithyan** |
| **4:24 PM – 5:00 PM** | | *Session close · open discussion · end of Day 2* | |

# SESSION 45· TRACK 5

● Slot 5 · Afternoon session · Sessions 41–46 · Tracks 1–6 · 42 papers

TIME (LOS ANGELES)
**3:00 PM – 5:00 PM**

Meeting Link: meet.google.com/tkk-boyq-iwg
Watch live or replay on YouTube: youtu.be/bO568tapS8E

YOUR LOCAL TIME
India 4:30 AM – 6:30 AM (Sun Dec 13) · Berlin 12:00 AM – 2:00 AM (Sun Dec 13) · Singapore 7:00 AM – 9:00 AM (Sun Dec 13)
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MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Vivek Naga Teja**
Cloud Operations Support Engineer, Baylor Miraca Genetics Laboratories, Tampa, Florida, United States

SESSION CHAIR 2:
**Vamsi Bollam**
Sr. Analyst, REWS Data Services, Exact Sciences Corporation, Madison, Wisconsin, United States

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| **3:00 PM** to 3:12 | **1067** | Multimodal AI Framework for Pediatric Disease Prediction Using Clinical and Imaging Data | **Udaya Sri Satya Sai Vaddi** |
| **3:12 PM** to 3:24 | **890** | Temporal Sequential Pattern Mining for Real-Time Financial Phishing Detection in Accessible Mobile Banking | **Gaurav Vashisht** |
| **3:24 PM** to 3:36 | **1068** | Alert Hub: An AI-Powered Self-Healing Platform Across 20,000+ Mission-Critical Financial Production Environments on IBM i, AIX and Linux | **Venkatesan Thirumalai** |
| **3:36 PM** to 3:48 | **1070** | Zero Downtime PGP Key Rotation Across Hundreds of Trading Partners | **Prudhvi Raj Katragadda** |
| **3:48 PM** to 4:00 | **227** | Advancing Human-Robot Collaboration through Robot Learning, Navigation, and Embodied Intelligence | **Edgar Plasas** |
| **4:00 PM** to 4:12 | **74** | Latency-Aware LLM Architectures for Real-Time Financial Compliance Analytics | **Gopichand Talluri** |
| **4:12 PM** to 4:24 | **85** | Self-Evolving Causal Supply Chain Agents for Discovering, Testing, and Adapting Planning Policies Under Distribution Shift | **Ankit Sharma** |
| **4:24 PM – 5:00 PM** | | *Session close · open discussion · end of Day 2* | |

# SESSION 46 ·TRACK 6

● Slot 5 · Afternoon session · Sessions 41–46 · Tracks 1–6 · 42 papers

TIME (LOS ANGELES)
**3:00 PM – 5:00 PM**

Meeting Link: meet.google.com/kxe-wyfx-pys
Watch live or replay on YouTube: youtu.be/VXVJiYSV_oQ

YOUR LOCAL TIME
India 4:30 AM – 6:30 AM (Sun Dec 13) · Berlin 12:00 AM – 2:00 AM (Sun Dec 13) · Singapore 7:00 AM – 9:00 AM (Sun Dec 13)
↑ Back to session finder

MODERATOR:
**[Name]**

SESSION CHAIR 1:
**Suresh Kumar Ganapathy**
Software Engineering Director, Truist, Morrisville, North Carolina, United States

SESSION CHAIR 2:
**Chirag Butani**
Chief Technology Officer (CTO), Gofer, Canada

| TIME (PST) | PAPER ID | PAPER TITLE | PRESENTER |
|---|---|---|---|
| 3:00 PM to 3:12 | 520 | A Human-Centric Smart Supply Chain Framework Integrating Artificial Intelligence and Industrial IoT | Somnath Banerjee |
| 3:12 PM to 3:24 | 938 | A Next-Generation Cross-Enterprise Framework for Agentic Workflow Optimization, Autonomous Negotiation and Secure Data Coordination | Somnath Banerjee |
| 3:24 PM to 3:36 | 844 | Hybrid Ensemble Deep Neural Network Architecture for Real-Time Packet Classification in Multi-Vendor Firewall Environments: Extending the 94.8% F1-Score Model to Industrial IoT Traffic | Sushanth Chandra Addimulum |
| 3:36 PM to 3:48 | 522 | Digital Twin-Enabled Intelligent Supply Chain Management for Predictive Logistics and Operational Resilience | Akhilesh kumar Aleti |
| 3:48 PM to 4:00 | 897 | Phase-Gated Removal of Standing Local Administrator Rights in Heterogeneous Endpoint Fleets: An 18-Month Experience Report | Feroskhan Hasenkhan |
| 4:00 PM to 4:12 | 12 | Quantum-Assisted CI/CD Pipeline Optimization: A QAOA-Based QUBO Formulation for Test Prioritization and Resource Scheduling in DevOps Environments | Raunak Kumar Gupta |
| 4:12 PM to 4:24 | 50 | Automated GDPR-Compliant Data Lifecycle Management in Distributed Cloud Platforms | Veeranji Reddy Jakkireddy |
| 4:24 PM – 5:00 PM | | *Session close · open discussion · end of Day 2* | |