

The 23rd IEEE/WIC International Conference on Web Intelligence and Intelligent Agent Technology

9-12 December 2024 | Bangkok, Thailand

A Hybrid Conference with both Online and Offline Modes

WI-IAT 2024 Special Session Proposal

• “Special Workshop on Augmented & Reasoning Technologies – (SWART 2024)”

• Proposed duration : **Half Day**

• Workshop/special session

Chair

Prof Revathi Venkatraman

Chairperson/School of Computing

SRM Institute of Science & Technology, Kattankulathur Campus, India(TN)

revathin@srmist.edu.in

Co-Chair

Dr.Sundar S

General Manager

Samsung R&D India - Bangalore

sundar.s1@samsung.com

Professor Revathi Venkatraman is the Chairperson, School of Computing, SRM Institute of Science and Technology -Kattankulathur Campus India specializes in the fields of Artificial Intelligence, Wireless Information Security, Privacy and lightweight mechanisms for secured networking communications. Prof Revathi has been constantly mentoring students and faculty members for the development of smart prototypes for data analysis in Medicine, Pharmacy, Agriculture, Industry 4.0 and Cyber Profiling. Professor Revathi has been heading many research projects sponsored by the Indian Government’s Defence Research Development Organization and Department of Science and Technology to the tune of 1.5 crore rupees over the last 8 years. Prof Revathi has published over 80 peer reviewed articles and delivered many keynote addresses in major international conferences all over the world. Prof Revathi was co-chair for “International Workshop on ChatGPT for Business Applications”-Special session in last WI-IAT 2023

Dr.Sundar Engineering Manager, Program/Project Manager with over 19 years of experience Product Strategy, End to End Commercialization, Software Development / Mobile/Android & Embedded Technology. Proficient in driving product strategy and end-to-end Solution Lifecycle Management encompassing product ideation & conceptualization, prototype development, patch management, validation, approval and deployment of solution as per client specifications. Spearheaded a team of 9 to 55 personnel and completed over 90 projects and experienced in working with multi-cultural teams in multiple environment; recognized as Top Performer for Galaxy

Smartphone Contributions

Abstract

A fascinating field that aims to make AI more intuitive and user-friendly. By combining the pattern recognition capabilities of traditional machine learning with the ability to reason, Augmented Reasoning allows advanced AI systems to understand and interpret data in a more human-like manner. This approach can lead to more natural interactions between humans and AI, as the advanced AI system can better understand human language and needs. Instead of requiring humans to communicate in a way that the machine understands, Augmented Reasoning flips the script and strives to make machines understand human language and thought processes. The ultimate goal of Augmented Reasoning is to create interactive AI systems that can not only analyze and interpret data but also generate new, original content or make predictions based on reasoning, much like a human would. This is revolutionizing many fields, including healthcare, finance, education, and entertainment.

Scope and topics of the special session

- Visual/Q&A interactive applications
- Visual Language Navigation
- Music Augmented applications
- Augmented gaming systems
- Learning from prior systems
- Emotional learning and Reasoning
- Causation and augmented learning
- Educational interactive learning apps
- Applications for mental well being

Motivation and Rationale

The workshop aims to leverage artificial intelligence to enhance human decision-making and problem-solving capabilities. It is to understand applications that aim to enhance human intelligence rather than replace it, improving decision-making and actions taken in response to improved decisions. The proposed workshop will have the following potential contributions to WI-IAT 2024

- The topic falls in the general scope of WI-IAT 2024 with advanced technologies
- It will further increase the reputation and influence of WI-IAT conferences, as the workshop will attract contributions from different countries and regions.
- Interesting developing technologies and related future topics will be influencers to budding researchers.

The organizing committee will consist of both academic researchers and practitioners so that

the nexus between academic and industry could be assured. Similarly, we are endeavoring to source presentations from both academic and research to generate robust conversations.

Workshop /Special Session Details

Tentative committee lists (organizers, program committee, etc.)

Chair: Prof Revathi Venkataraman

Organizing team

SRMIST team

Samsung R&D team

• Expected number of participants and the expected number of submissions

50 students/researchers/ industry persons

• A draft call for papers (max 1 page)

• A description of the publicity and promotion plan

The call for presenters and participants will be made via WIAT conference & university website (SRMIST), social media posts and posters/flyers

• Special session format planned

We expect that the number of accepted contributions will be limited to no more than 12 globally from academia and industry. It will be **half day workshop**. Depending on the number of accepted papers the workshop schedule could be organized as follows.

- One Keynote/Gallery Talk (20 minutes)
- Application Demonstration = 15 minutes
- 6 - 8 Presentations (15 minutes x 8 presentations = 120 minutes)
- 1 panel discussion (15 minutes)

Tentative Internal and External Schedule

- Submission deadline: 6th September 2024
- Review deadline : 8th October 2024
- Acceptance deadline : 15th October 2024
- Camera ready: 7th November 2024
- Program ready: 9th/10th December 2024

Draft Call

We invite proposals that are discussion papers, research in progress, case studies, reviews, commentaries and technical papers for **Special Workshop on Augmented & Reasoning Technologies – (SWART 2024) : WI-AT 2024**

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Scope and topics of the special session are not limited to

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Look out for the important dates

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Submission link:

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