



SAMSUNG



IEEE Signal Processing Society, Bangalore Chapter
Presents

2024

SPS FORUM

**Biomedical Signal and Image Processing
- Intro to Metaverse**

With a Special focus on GenAI



20 August 2024



Samsung R&D Institute Bangalore (SRIB) 2780, ORION Building,
BAGMANE CONSTELLATION BUSINESS PARK, Ferns City,
Doddanekkundi, Bengaluru, Karnataka, 560037

LEARN MORE



<https://sps.ieeebangalore.org/sps-forum-2024/>

ABOUT EVENT

The 2024 SPS Forum is an Industry Connect, where Professionals, Industry Experts, Students, and Academicians gather to explore the latest advancements in Signal Processing. The theme for this year revolves around Biomedical Signal Processing and an Introduction to the Metaverse. New Trends in Signal Processing will be addressed through lightning talks by experts. The Forum will also feature an expert panel discussion on GenAI. SPS Forum aims to engage the community in accelerating research and development in biomedical engineering, healthcare, and the scope of Generative AI in these domains. This will also be a unique platform for Networking and Collaboration. Join us on 20th August at Samsung R&D Institute Bangalore.

SPEAKERS



Mohan Rao Goli
Samsung R&D



Dr. Abhishek Appaji
IEEE SPS & BMSCE



Dr. Lokesh Boregowda
Samsung R&D



Shubham Jain
Avataar.AI



Visweswaran Jagadeesan
ARK Infosolutions



Dr. Uday Nagesh Shivaji
Narayana Health



Dr. Phaneendra Yalavarthy
IISc



Dr. Badri Narayana Patro
Microsoft Research



Alok Shukla
Samsung R&D



Siddhartha Mukherjee
Samsung R&D



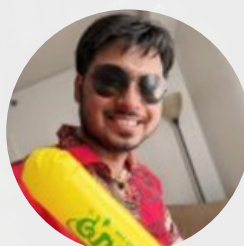
Dr. Jithendra Vepa
Observe.AI



Dr. Prathiba Moogi
IBM Research



Siby Charley
Harman International



Dr. Subhadarshi Panda
Samsung R&D



Veerendra Shetty
IEEE EMBS & Samsung R&D

SCHEDULE

Timings	Speaker & Designation
9:00 - 9:15	Registration
9:15 - 9:30	Keynote by Mr. Mohan Rao Goli (Samsung R&D)
9:30 - 10:00	Keynote by Dr. Abhishek Appaji (IEEE SPS Bangalore and BMSCE)
10:00 - 11:20	<u>Session 1: Metaverse</u> Speaker 1: Dr. Lokesh Boregowda (Samsung R&D) Speaker 2: Shubham Jain (Avataar AI) Speaker 3: Visweswaran Jagadeesan (ARK Infosolutions)
10 minutes	Tea Break
11:30 - 12:50	<u>Session 2: Biomed</u> Speaker 3: Dr. Uday Nagesh Shivaji (Narayana Health) Speaker 4: Dr. Phaneendra Yalavarthy (IISc)
12:50 - 14:30	Lunch Break
14:30 - 15:50	<u>Session 3: Gen AI</u> Speaker 5: Dr. Badri Narayana Patro (Microsoft Research) Speaker 6: Mr. Alok Shukla (Samsung R&D)
10 minutes	Tea Break
16:00 - 17:00	<u>Session 4: Gen AI Panel discussion</u> Moderator: Siddhartha Mukherjee(Samsung R&D) Panelist 1: Dr. Jithendra Vepa (Observe.AI) Panelist 2: Dr. Prathibha Moogi (IBM Research) Panelist 3: Siby Charley (Harman International) Panelist 4: Dr. Subhadarshi Panda (Samsung R&D) Panelist 5: Dr. Veerendra Shetty (IEEE EMBS and Samsung R&D)
17:00 - 17:15	Closing Remarks: Dr. Neeraj Gadgil (IEEE SPS and Samsung R&D)

▶ REGISTRATION

IEEE SPS/CS/EMBS Members	FREE
IEEE Student Member	₹ 650
IEEE Professional Member	₹ 1000
Non-IEEE Student Member	₹ 1000
Non-IEEE Member	₹ 1500

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Organizing Committee

Dr. Abhishek Appaji

**Chair, IEEE SPS Bangalore
and BMSCE**

Dr. Neeraj Gadgil

**SIG, IEEE SPS Bangalore and
Samsung R&D**

Shailesh Sakri

**Past Chair, IEEE SPS Bangalore
and Harman International**

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BMS Institute of Technology**

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**SIG, IEEE SPS Bangalore and
Harman International**

Dr. Ashwini Appaji

**MD, IEEE SPS Bangalore and
BMSCE**

Dr. Priyesh Shukla

Samsung R&D

Amritesh Srivastava

Samsung R&D

Student Volunteers

Madhu M

Atria Institute of Technology

Vageesh GN

BMS College of Engineering

Bindiya Sail

Atria Institute of Technology

Aditya Srinivas K

BMS Institute of Technology