

# THE HEART FAILURE CONFLUX 2026

The curtain raiser event of HFAI Annual Conference 2026 Ahmedabad

Virtual Confluence of  
Scientists and Clinicians Caring for Heart Failure

January 31<sup>st</sup> & February 1<sup>st</sup> 2026

Devices and Digital Tools in  
Heart Failure



Invited Abstract Session  
Deadline for Submission - 20<sup>th</sup> January 2026  
Cash Prize: First ₹ 25000, Second ₹ 15000



Sree Chitra Tirunal Institute for  
Medical Sciences &  
Technology (SCTIMST),  
Trivandrum. Kerala



Supported by  
Indian Council of Medical  
Research (ICMR)



Heart Failure Association  
of India (HFAI)

Dear Colleagues,

The Centre for Advanced Research in Heart Failure (CAR-HF), established under the Indian Council of Medical Research at SCTIMST, Thiruvananthapuram, is organizing **HF-CONFLUX 2026**, a confluence of heart failure specialists and basic scientists to promote interdisciplinary collaboration and translational research.

**HF-CONFLUX 2026** focuses on **Devices and Digital Tools in Heart Failure**, highlighting how emerging technologies are transforming diagnosis, monitoring, and personalized care. The meeting is held in association with the Heart Failure Association of India and the International Academy of Cardiovascular Sciences, with support from the Indian Council of Medical Research.



**Patron**  
**Prof. Dr. Sanjay Behari**  
Director SCTIMST



**Org Chairman**  
**Prof. Dr. C.C. Kartha**  
Former President,  
International Academy of  
Cardiovascular Sciences (IACS)  
India



**Org Secretary**  
**Prof. Dr. Harikrishnan S**

PI - ICMR Centre for Advanced Research and  
Excellence in Heart Failure. Senior Professor and  
Head, Department of Cardiology, SCTIMST

## SCTIMST Team

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Dr. Baiju S. Dharan  
Dr. Harikrishna Varma PR  
Dr. Jeemon P  
Dr. Kavita Raja  
Dr. Krishnamoorthy KM  
Dr. Madhusoodanan UK  
Dr. Manoj G  
Dr. Muraleedharan CV  
Dr. Nagesh DS  
Dr. Neethu Mohan  
Dr. Sanjay G  
Dr. Shivanesan P  
Dr. Vivek V Pillai

Dr. Mahesh MV  
Dr. Linda Koshy  
Dr. Reethu S  
Dr. Sunaib Ismail  
Ms. Abisha Vince Jeo VS  
Ms. Sneha Sandra PS  
Mr. Kochumoni R  
Mr. Vineeth CP  
Mr. Aravind KR  
Ms. Aswathy C  
Ms. Shamini M

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Dr. R.S. Dhaliwal  
Dr. Roopa Shivshankar  
Dr. Gazala Hasan  
Dr. Ashoo Grover  
**HFAI Team**  
Dr. Abraham Oommen  
Dr. Uday Jadhav  
Dr. Bagirath Raghuraman  
Dr. V.K. Chopra  
**IACS Team**  
Dr. Surya Ramachandran  
Dr. Srinivas G

## Call for Abstracts

**Deadline for submission – 20<sup>th</sup> January 2026**

**Abstracts** are invited for a reward session on Day 1 on **31<sup>st</sup> January**; the abstract should focus on the area of basics to translational research in heart failure. Submissions should be structured in **IMRAD** format and must not exceed **500 words**. A **cash prize of ₹25,000 and ₹15,000** will be awarded for the **Best two Papers**. The Best Papers will also receive a certificate from the Heart Failure Association of India.

**Submit Abstract**

**Click here**

**To Register**

**Click here**

# Speakers



**Prof. John G. F. Cleland**  
Professor of Cardiology, School of Cardiovascular and Metabolic Health, University of Glasgow, United Kingdom



**Dr. Marat Fudim**  
Medical Director, HCL; Associate Professor of Medicine, Cardiology, Duke Clinical Research Institute, United States of America



**Dr. Vibin Ramakrishnan**  
Professor, Dept. of Biosciences & Bioengineering; associate faculty, Mehta Family School of Data Science & AI, IIT Guwahati



**Dr. Shanmugha Sundaram**  
Senior Interventional Cardiologist Velammal Hospital and Medical College, Madurai



**Dr. Ambuj Roy**  
Professor of Cardiology  
All India Institute of Medical Sciences (AIIMS), New Delhi



**Dr. K. K. Narayanan Namboodiri**  
Professor  
Sree Chitra Tirunal Institute for Medical Sciences and Technology



**Mr Muraleedharan C Vayalappil**  
Scientist SG  
Sree Chitra Tirunal Institute for Medical Sciences and Technology



**Dr. Abhinav Sharma**  
Assistant Professor  
Division of Cardiology, DREAM-CV Lab, McGill University Health Centre, Canada



**Dr. Lynne Warner Stevenson**  
Vanderbilt Heart and Vascular Institute, Vanderbilt University Medical Center, Nashville, Tennessee, United States of America



**Dr. M Karthikeyan, Ph.D.**  
Chief Scientist, Chemical Engineering & Process Development CSIR-National Chemical Laboratory, Pune



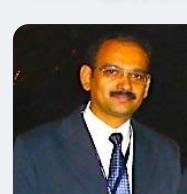
**Dr. Bhupinder Singh**  
Professor & HOD, Cardiology, AIIMS Bathinda



**Prof (Dr.) Pankaj Bhardwaj**  
Director  
ICMR-NIIRNCD, Jodhpur



**Dr. Prayaag Kini**  
Consultant Cardiologist. Sri Sathya Sai Super specialist Hospital, Bangalore



**Prof. Santhosh Satheesh**  
Professor, Department of Cardiology JIPMER, Puducherry



**Dr. Mintu (Minang) Turakhia**  
Clinical Professor of Medicine, Stanford University, United States of America

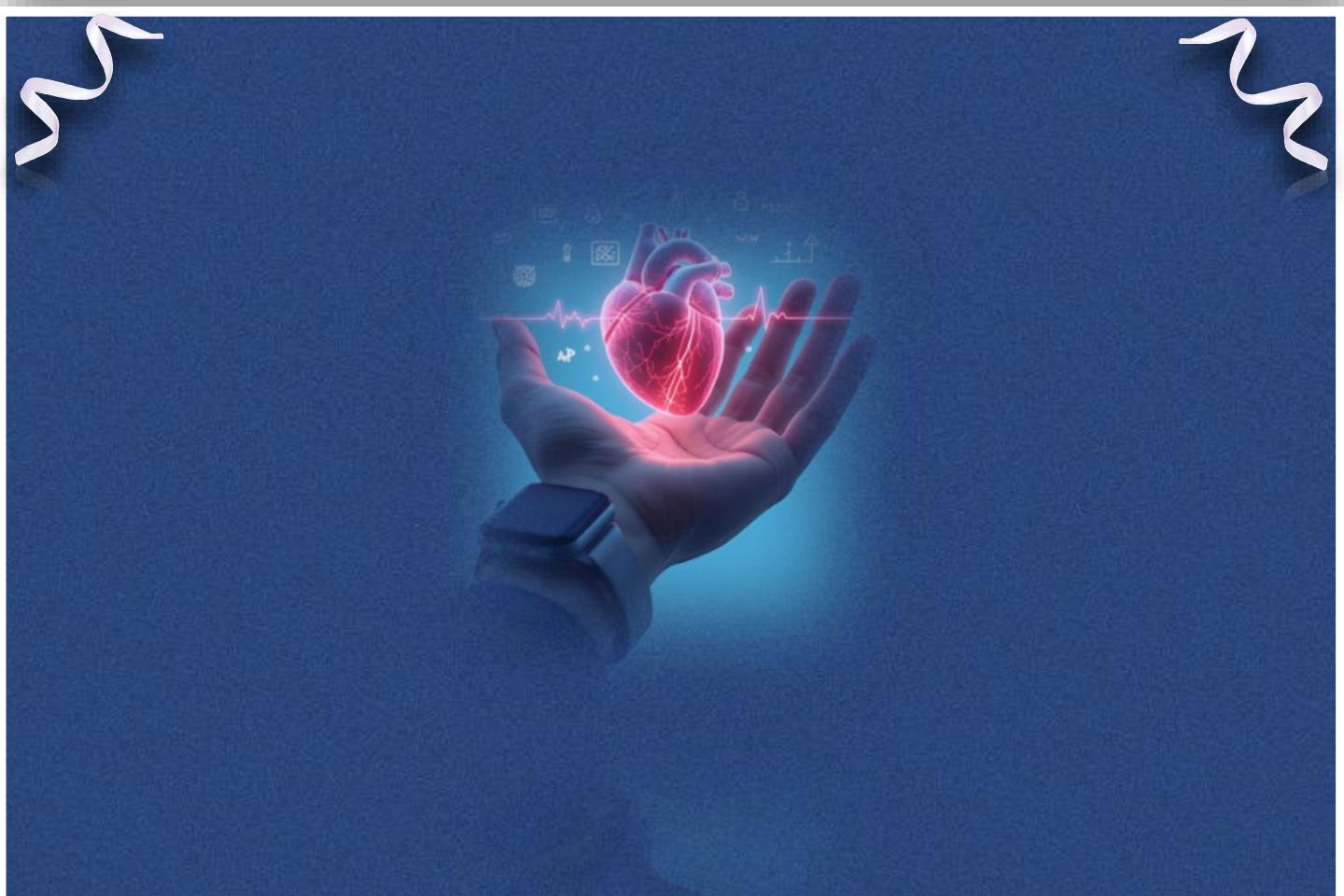
**HF-CONFLUX**  
**Agenda- Day 01**

<b>Time: 17:00 – 21:00</b>	<b>Date: January 31<sup>st</sup>, Saturday</b>
<b>Session I – Abstract session</b>	
<b>17:00 - 18:00</b>	<b>Invited Abstracts session</b>  <b>Judges:</b> Dr. Shiva Kumar, Dr. Biju Soman, Dr. Neethu Mohan, Dr. Madhusoodanan UK
<b>Session II - Inauguration</b>	
<b>18:00 - 18:15</b>	<b>Welcome Address:</b> Dr. Jeemon P <b>Inauguration:</b> Prof. Dr. C.C. Kartha <b>Felicitations:</b> Dr. V K Chopra, Dr. Abraham Oomman <b>Vote of Thanks:</b> Prof. Dr. Harikrishnan S
<b>Session III – Invited Expert Talks</b>	
<b>Moderators</b>	<b>Dr. V K Chopra, Dr. Abraham Oomman, Dr. Biju Soman</b>
<b>18:15 - 18:30</b> <b>(12 min talk + 3 min discussion)</b>	<b>Integrated Machine Learning and Systems Transcriptomics for Heart Failure: Signatures, Cell States, and Upstream Regulators</b> <b>Dr. Vibin Ramakrishnan</b> Professor, Dept. of Biosciences & Bioengineering; Associate Faculty, Mehta Family School of Data Science & AI, IIT Guwahati
<b>18:30 - 18:45</b> <b>(12 min talk + 3 min discussion)</b>	<b>Telemonitoring for Heart Failure – What It Should and Can Offer</b> <b>Prof. John G. F. Cleland</b> Professor of Cardiology, School of Cardiovascular and Metabolic Health, University of Glasgow, United Kingdom
<b>18:45 - 19: 00</b> <b>(12 min talk + 3 min discussion)</b>	<b>Digital Heart Failure Care Models for Low-Resource Settings</b> <b>Dr. Ambuj Roy</b> Professor, AIIMS Delhi
<b>19:00 – 19:15</b>	<b>Recap &amp; Conclusions</b>
<b>Session IV - Invited Expert Talks</b>	
<b>Moderators</b>	<b>Dr. Nagesh D S, Dr. Uday Jadhav, Dr. Ajay Bahl</b>
<b>19:15 - 19:30</b> <b>(12 min talk + 3 min discussion)</b>	<b>Indigenous Cardiac Device Development: Challenges &amp; Innovations</b> <b>Mr. Muraleedharan C. V</b> Scientist 'G' & Scientist-in-Charge, Biomedical Technology Wing, SCTIMST, Trivandrum
<b>19:30 - 19:45</b> <b>(12 min talk + 3 min discussion)</b>	<b>Remote Monitoring for Heart Failure: What Have We Learned?</b> <b>Dr. Lynne Warner Stevenson</b> Vanderbilt Heart and Vascular Institute, Vanderbilt University Medical Centre, Nashville, Tennessee, United States of America
<b>19:45 - 20:00</b> <b>(12 min talk + 3 min discussion)</b>	<b>Digitizing Rural Heart Failure Care: Challenges &amp; Opportunities</b> <b>Dr. Bhupinder Singh</b> Professor & HOD, Cardiology, AIIMS Bathinda
<b>20:00 - 20:15</b> <b>(12 min talk + 3 min discussion)</b>	<b>AI in Heart Failure Management</b> <b>Dr. Prayaag Kini</b> Consultant Cardiologist, Sri Sathya Sai Super Speciality Hospital, Bangalore
<b>20:15 – 20:45</b>	<b>Recap &amp; Conclusions</b>

## HF-CONFLUX

### Agenda- Day 02

Time : 18:00 – 21:00	February 1 <sup>st</sup> , Sunday
<b>Session I - Invited Expert Talks</b>	
<b>Moderators</b>	<b>Dr. Jyothi Vijay MS, Dr. Shomu Bohora, Dr. G. Srinivas</b>
<b>18:00 - 18:15</b> (12 min talk +3 min discussion)	<b>From sensors to Decisions: Devices- Guided hemodynamic monitoring in heart failure care</b> <b>Dr. Marat Fudim</b> Medical Director, HCL; Associate Professor of Medicine, Cardiology Duke Clinical Research Institute, United States of America
<b>18:15 - 18:30</b> (12 min talk +3 min discussion)	<b>Left bundle branch pacing in Heart Failure</b> <b>Dr. Shanmugha Sundaram</b> Senior Interventional Cardiologist Velammal Hospital and Medical College, Madurai, TN
<b>18:30 -18:45</b> (12 min talk +3 min discussion)	<b>Device-Based Strategies for Sudden Cardiac Death Prevention in Heart Failure Patients</b> <b>Dr. K. K. Narayanan Namboodiri</b> Professor, Department of Cardiology, SCTIMST, Trivandrum
<b>18:45 – 19:00</b>	<b>Recap &amp; Conclusions</b>
<b>Session II - Invited Expert Talks</b>	
<b>Moderators</b>	<b>Dr. Harikrishnan S, Dr. Sanjay G, Dr. Jeemon P, Dr. Santanu Sengupta</b>
<b>18:45 - 19:00</b> (12 min talk + 3 min discussion)	<b>AI-Driven Prediction Models for Heart Failure Outcomes</b> <b>Dr. Abhinav Sharma</b> Assistant Professor, Division of Cardiology, DREAM-CV Lab, McGill University Health Centre, Canada
<b>19:00 – 19:15</b> (12 min talk + 3 min discussion)	<b>AI for Heart Failure drug design</b> <b>Dr. M Karthikeyan, Ph.D.</b> Chief Scientist, Chemical Engineering & Process Development CSIR-National Chemical Laboratory, Pune
<b>19:15 - 19:30</b> (12 min talk + 3 min discussion)	<b>AI in Heart Failure Epidemic Preparedness</b> <b>Prof (Dr.) Pankaj Bhardwaj</b> Director, ICMR-NIIRNCD, Jodhpur
<b>19:30 - 19:45</b> (12 min talk + 3 min discussion)	<b>Mobile applications for Digital health and AI in heart failure</b> <b>Prof. Santhosh Satheesh</b> Professor, Department of Cardiology JIPMER, Puducherry
<b>19:45 – 20:00</b> (12 min talk + 3 min discussion)	<b>Past, present, and future of cardiac monitoring: moving beyond the ECG</b> <b>Dr. Mintu (Minang) Turakhia</b> Clinical Professor of Medicine, Stanford University, United States of America
<b>20:00 – 21:00</b>	<b>Recap, Conclusions &amp; Abstract Award Announcement</b>



### Contact Us

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