

IGCM Schedule

	Start Time	End Time	Session Chairs	Parallel Session - 01	Parallel Session - 02	Parallel Session 03
Monday, March 27, 2023	8:30 AM	9:00 AM		Inauguration Session (CDS 102)		
	9:00 AM	9:50 AM	D1-Chair1	Prof. Vadym Aizinger (University of Bayreuth, Germany) Performance-optimized discontinuous Galerkin method on CPUs, GPUs, and FPGAs		
	10:00 AM	10:50 AM		Prof. Robert Strzodka (University of Heidelberg, Germany) Preconditioning Sparse Matrices with Alternating and Multiplicative Operator Splittings		
	10:50 AM	11:10 AM		Coffee Break		
	11:10 AM	12:00 AM	D1-Chair2	Prof. Oriol Vendrell (University of Heidelberg, Germany) The multiconfiguration time-dependent Hartree approach for quantum dynamics: theory, applications, and perspectives		
	12:00 AM	1:15 PM		Lunch (CDS 4th Floor)		
	1:15 PM	1:35 PM	D1-Chair3 (N)	CDS 102 Sudip Sasmal	CDS 419 Michal Tomasz Wichrowski	CDS 202 Atreyee Banerjee
	1:35 PM	1:55 PM	D1-Chair3 (H)	Maria Robert	Vidyesh Rajendra Dapse	Manmeet Singh
	1:55 PM	2:15 PM	D1-Chair3 (S)	Avinash Gupta	Paul Leonard Große-Bley	Dibyajoti Nayak
	2:15 PM	2:30 PM		Coffee Break		
	2:30 PM	2:50 PM	D1-Chair4 (N)	CDS 102 Shubham Kumar Goswami	CDS 419 Ritesh Khan	CDS 202 Josephine Westermann
	2:50 PM	3:10 PM	D1-Chair4 (N)	AAKANSHA	POONAM	Surendra Kumar Saini
	3:10 PM	3:30 PM	D1-Chair4 (S)	Priya kumari singh	Yashveer Kumar	Stephen Varghese
3:30 PM	3:50 PM		MAHESH T	Zaffar Mehdi Dar		
Tuesday, March 28, 2023	9:00 AM	9:50 AM	D2-Chair1	Prof. Alexander Heinlein (TU Delft) Neural networks with physical constraints, domain decomposition-based training strategies, and model order reduction		
	10:00 AM	10:50 AM		Prof. Jakob Zech (University of Heidelberg, Germany) Approximation Rates for Neural Operators		
	10:50 AM	11:10 AM		Coffee Break		
	11:10 AM	12:00 AM	D2-Chair2	Dr. Nagaiah Chamakuri (IISER TVM) Large scale PDE constrained optimization of cardiac defibrillation		
	12:00 AM	1:15 PM		Lunch (CDS 4th Floor)		
	1:15 PM	1:35 PM	D2-Chair3 (N)	CDS 102 DARPAN KRISHNAKUMAR SHUKLA	CDS 419 Abhilipsa Panda	CDS 202 Salur Srikanth Patnaik
	1:35 PM	1:55 PM	D2-Chair3 (N)	Nishant Ranwan	Arpit Babbar	Abhishek Kumar
	1:55 PM	2:15 PM	D2-Chair3 (S)	Naina Sharma	Michal Tóth	Chandan Bharti
	2:15 PM	2:30 PM		Coffee Break		
	2:30 PM	2:50 PM	D2-Chair3 (N)	CDS 102 Meenasaranya		CDS 202 Jonas Roller
	2:50 PM	3:10 PM	D2-Chair3 (S)	NIKHIL SRIVASTAVA		Nand Kishor
3:10 PM	3:30 PM		B Sagar		T M C Priyanka	
Wednesday, March 29, 2023	9:00 AM	9:50 AM	D3-Chair1	Prof. Artur Andrzejak (University of Heidelberg, Germany) Domain Specific Languages for Machine Learning and HPC: Challenges, Chances, and Tools		
	10:00 AM	10:50 AM		Dr. Subodh Joshi (Shell, India) Exploring the Frontiers of Scientific Machine Learning		
	10:50 AM	11:10 AM		Coffee Break		
	11:10 AM	12:00 AM	D3-Chair2	Dr. Abhineet Gupta (Shell, India) Computational science and digital innovation for multi-physics and multi-scale energy systems modelling		
	12:00 AM	1:15 PM		Lunch (CDS 4th Floor)		
	1:15 PM	1:35 PM	D3-Chair3 (N)	CDS 102 Sridhar Chellappa	CDS 419 Marcelo Fonseca Faraj	CDS 202 Gowtham Reddy Nimmalappalli
	1:35 PM	1:55 PM	D3-Chair3 (H)	Deepika Garg	Gourab Panigrahi	Lakshman Mahto
	1:55 PM	2:15 PM	D3-Chair3 (S)	Kartick Ramakrishnan	Santiago Ospina De Los Rios	ANSHIKA
	2:15 PM	2:35 PM		Nikhil Kodali	Subhajit Safui	
	2:35 PM	2:50 PM		Coffee Break		
	2:50 PM	3:10 PM	D3-Chair4 (N)	CDS 102 SRADHARAM SWAIN		CDS 202 Shreedhar Nayak
	3:10 PM	3:30 PM	D3-Chair4 (S)	Gnanaprasanna		Vaddadi Venkatesh
	3:30 PM	3:50 PM		Muthumeena		Arup Kumar Sahoo
7:00 PM			Conference Dinner (IISc Main Guest House)			
Thursday, March 30, 2023	9:00 AM	9:50 AM	D4-Chair1	Prof. Peter Bastian (University of Heidelberg, Germany) Multilevel spectral domain decomposition preconditioners		
	10:00 AM	10:50 AM		Dr. Bharath Mohan (CEO of Sensara.tv) Generating metadata for the torso and tail of OTT videos using Machine Learning		
	10:50 AM	11:10 AM		Coffee Break		
	11:10 AM	12:00 AM	D4-Chair2	Dr. Chiranjib Sur (Shell, India) Computational Engineering for High Throughput Scientific Computing		
	12:00 AM	1:15 PM		Lunch (CDS 4th Floor)		
	1:15 PM	1:35 PM	D4-Chair3 (N)	CDS 102 Shailendra Singh	CDS 202 Jain M Francis	
	1:35 PM	1:55 PM	D4-Chair4 (S)	Vigneshwaran	Vijay Kag	
	1:55 PM	2:15 PM		Manimekalai M	Pragya Gupta	
	2:15 PM	2:30 PM		Coffee Break		
2:30 PM	3:00 PM		Closing Session			