

HCMUT HPC Summer School 2026 - Public Agenda

Start Local, Compute at Scale

Day	Session	Time	Segment	Speaker / Lead	Format
Day 1 17-06-2026	Morning	07:30-07:45	Check-in	Organizing Team	Onsite
		07:45-08:00	Opening Ceremony	HPCC / Faculty of CSE	Opening
		08:00-08:10	Partner Introduction - GreenNode.AI	GreenNode.AI / Organizing Team	Partner introduction
		08:10-08:30	School Orientation	Program Coordinator	Briefing
		08:30-09:30	Introduction to High Performance Computing	Assoc. Prof. Dr. Thoại Nam	Lecture
		09:30-09:45	Break		
		09:45-11:30	Introduction to HPC Cluster and Resource Management	Nguyễn Mạnh Thìn	Lecture + hands-on
		11:30-13:30	Lunch Break		
	Afternoon	13:30-15:00	Parallel Computing with OpenMP and MPI	Dr. Diệp Thanh Đăng	Lecture + hands-on
		15:00-15:15	Break		
		15:15-17:00	Performance Trade-offs in Parallel Computing	Dr. Diệp Thanh Đăng	Lecture + hands-on
Day 2 18-06-2026	Morning	07:30-09:00	Digital Image Processing and Deep Learning in Computer Vision	MEng. Doan Ngo Duc Phuong	Lecture
		09:00-09:15	Break		
		09:15-11:30	AI Workloads on HPC: Resource-Aware GPU Request	MEng. Hoàng Lê Hải Thanh / Technical Team	Lecture + hands-on
		11:30-13:30	Lunch Break		
	Afternoon	13:30-15:00	Reproducible HPC Experiments with Apptainer	MEng. Bùi Xuân Giang	Lecture + hands-on
		15:00-15:15	Break		
		15:15-17:00	LLM Serving, Multi-Agent Systems, and AI Infrastructure	MEng. Hoàng Lê Hải Thanh	Lecture + demo
Day 3 19-06-2026	Morning	07:30-11:30	Mini Hackathon	Hackathon Team / TAs	Team challenge
		11:30-13:30	Lunch Break		
	Afternoon	13:30-13:40	Re-opening & Afternoon Framing	Host	Framing
		13:40-13:55	From Summer School to Student HPC Community	MEng. Hoàng Lê Hải Thanh	Sharing
		14:00-14:10	International HPC Education Message	Prof. Fabrizio Gagliardi, BSC, ACM	Online talk
		14:10-14:30	Top Team Presentations	Selected Student Teams	Presentation
		14:30-14:45	International HPC Infrastructure Perspective	Dr. Chung Thanh Minh, LRZ	Online talk
		14:45-15:00	Break		
		15:00-15:25	ACM and Student Community Pathways	George Neville-Neil, ACM	Onsite talk
		15:25-15:50	Building an HPC Student Community	Prof. Worawan Diaz Carballo, Thammasat University	Online talk
		15:50-16:00	Remarks from Faculty of Computer Science and Engineering	Faculty Representative, CSE	Remarks
		16:00-16:10	Break		
		16:10-16:40	Onsite Panel: From HCMUT HPC Summer School to an HPC Student Community	Host: Thanh Hoàng; Panelists: Prof. Thoại Nam, Faculty Representative, George Neville-Neil	Panel discussion
		16:40-16:55	Awards, Certificates & Closing Remarks	Organizing Team / Faculty / HPCC	Awards + closing
		16:55-17:00	Group Photo & Next Steps	Organizing Team	Photo