Advanced Topics in Computer Science

2025 Summer Camp Schedule

Course	Instructor	Date	Time	
Opening Ceremony 开幕式	Department heads and leaders of various institutes	June 30 (Monday)	9AM-12PM	F I R S T W E E K
Campus Tour 校园游			2-3 PM	
An Overview of Programming Language Research 程序设计语言概览	Xiong, Yingfei 熊英飞	July 1 (Tuesday)	9AM-12PM	
Open Source Data Analytics 开源数据分析	Zhou, Minghui 周明辉		2-5 PM	
Database Systems in the Age of Artificial Intelligence 人工智能时代的数据库系统	Wu Yinjun 吴垠鋆	July 2 (Wednesday)	9AM-12PM	
Visit Leading tech company 科技公司参访			2-4 PM	
Computational Photography 计算摄像学	Shi, Boxin 施柏鑫	July 3 (Thursday)	9AM-12PM	
Computer Vision in the Open World 计算机视觉	Zhang, Shanghang 仉尚航		2-5 PM Visit Lab	
Ubiquitous Computing and Context Awareness 普适计算和情境感知	Zhang, Daqing 张大庆	July 4 (Friday)	9AM-12PM	
Current Student Exchange Meeting 在读学生交流会			2-4 PM	

Course	Instructor	Date	Time	
AI System Practice 人工智能系统实践	Wang, Leye 王乐业	July 7 (Monday)	9AM-12PM	**S E C O N D** **W E E K**
Visit Leading-tech Company 科技公司参访			Afternoon	
Software/Hardware Codesign & Optimization 软硬件协同设计优化	Liu, Xianhua 刘先华	July 8 (Tuesday)	9AM-12PM	
Tutorial on Modern Adaptive Computing 现代自适应计算	Luo, Guojie 罗国杰		2-5 PM	
Accelerating Distributed Systems with In-Network Computing 网络计算与分布式系统	Wu, Wenfei 吴文斐	July 9 (Wednesday)	9AM-12PM	
Visit PKU Red Bulding 红楼参观			Afternoon	
"Dialogue with Experts" English lecture			7-8:30 PM	
Video Streaming with AI 智能视频传输	Bian, Kaigui 边凯归	July 10 (Thursday)	9AM-12PM	
Peer Prediction and Wisdom of the Crowds 同伴预测与群体智慧	Kong, Yuqing 孔雨晴		2-3:30 PM	
Introduction to Embodied AI 具身智能	Wang, He 王鹤		3:30-5 PM	
Closing Ceremony 闭幕式		July 11 (Friday)	9AM-12PM	