



Institute for Research in
Fundamental Sciences

School of Computer Science

24-28 August 2019

The Third IPM Advanced School on Computing: **Computer Architecture**

The advanced school brings together experts who are working in the area of computer architecture to give lectures on various aspects of this influential and evolving branch of computer science. The school will cover memory systems, coherence and consistency, on-chip-network, temperature and power management, and architecture for emerging workloads (e.g., graph analytics). Our goal is to demonstrate the importance of computer architecture and its role in the design and implementation of modern computer systems. The level of lectures will be suitable for graduate students, young researchers, and also experts from other areas of computer science who intend to establish interdisciplinary links with computer architecture.

Invited Lecturers



Oguz Ergin, TOBB University of Economics and Technology
Cache Coherence and Consistency



Onur Mutlu, ETH Zurich
Memory Systems and Memory-Centric Computing Systems



Ozcan Ozturk, Bilkent University
Architecture for Emerging Workloads



Smruti R. Sarangi, IIT Delhi
On-Chip Networks and Power and Temperature Management

Contact

Address: School of Computer Science,
Institute for Research in Fundamental Sciences (IPM),
Farmanieh Campus (next to Kouhe Nour), No. 70, Lavasani St.
Tehran, Iran

Tel: +98 21 24509404

Fax: +98 21 22825454

Email: asc@ipm.ir



<http://cs.ipm.ac.ir/asoc2019>

