## Computer System Laboratory

(Staffs: Prof. Hiroaki Hirata, Assoc. Prof. Atsushi Nunome)

We keep creating novel new computer systems!

□ We work in both domains of hardware and software for them.

Research themes

- Novel new microprocessor architectures for highperformance / low-power / security
- New parallel and distributed computing technologies for future generations of supercomputing or for Big Data
- New communication/storage systems and network device architectures as an infrastructure for mobile

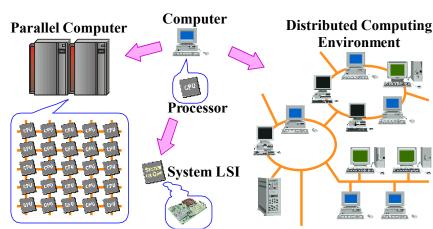
  Parallel Computer

  Computer

  Distributed Comp

or cloud computing

 Efficient architectural-level design methodologies for general or specialized systems (including



Optimize and

design a system through trade-offs between hardware and software

's important to have a birds-

eye'view of an entire system.

Hardware