

Computer System Laboratory

(Staffs: Prof. Kiyoshi Shibayama, Assoc. Prof. Hiroaki Hirata, Assist. 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 high-performance / 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 or cloud computing
- ▶ Efficient **architectural-level design methodologies** for general or specialized systems (including **system LSI's**)

