Most IT systems became so complex and are working with security vulnerabilities these days. In 2020s – wide varieties of social stakeholders such as transportation, power-grid, factory, hospital, finance, education shall rely on digitalized systems that have security vulnerabilities. Engineers who can integrate, develop and operate such IT systems are rapidly getting scarce, and vulnerabilities are getting increase against cyber-attacks, which will become a threat that can destroy our digitalized lives.

This laboratory collects the cyber-attacks happening in the world every day, and studies the management and protection.