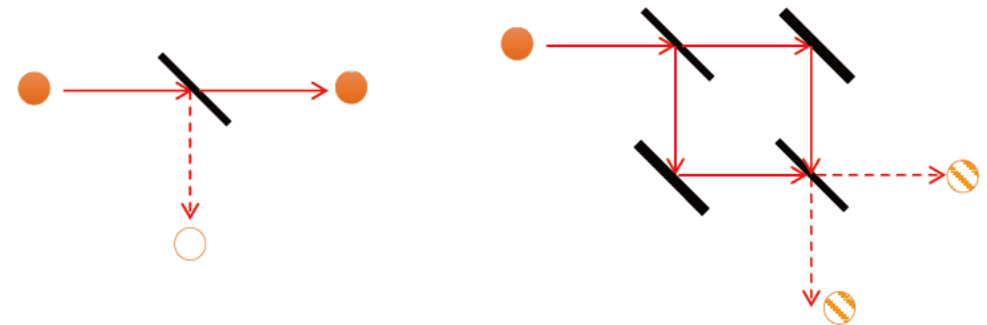
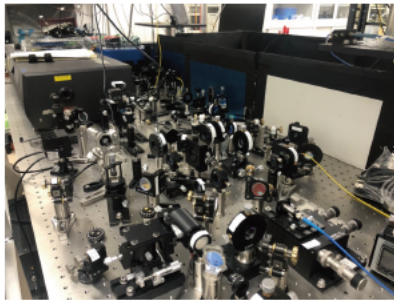
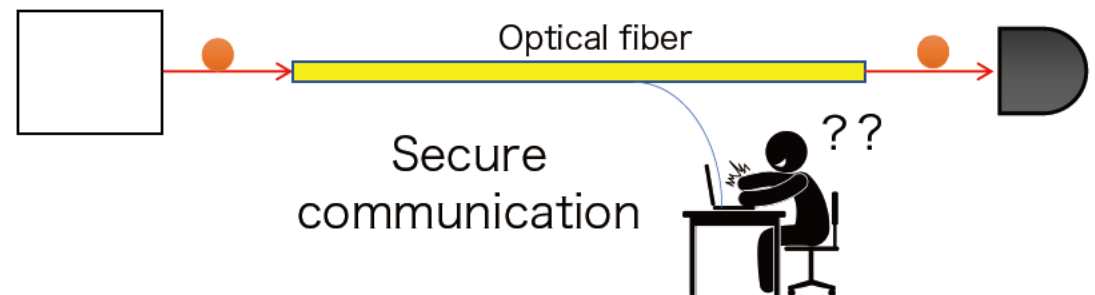


Light, Quantum, and Information Technology

In this course, students see weird properties of (ordinary) light and light quanta – so called photons. Students also learn how quantum cryptography works with photons. Students will construct their own optical system (using lenses, mirrors, optical fibers, etc.) to manipulate and observe (quantum) properties of light.



A photon cannot be split into two, but interfere with itself.
(particle-like nature) (wave-like nature)



2nd Semester
Number of Students: 4

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