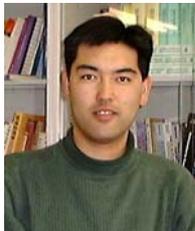


Research Interests

PARTICIPANTS' AREAS OF RESEARCH AND TECHNICAL WORK

*	Committee Member
**	Speaker

*Kohei M. Itoh**, Keio University



Many elements in the periodic table are composed of multiple kinds of stable isotopes. Silicon and germanium, the most important semiconductor elements, are no exception. My research has been focusing on understanding the effects of isotopic composition on the electrical, optical, and magnetic properties of silicon and germanium. In parallel, I have been using isotopes for development of new class of silicon-based devices including quantum computers.