

A short 100 – 120 words description of myself:

Dr. Arimura believes that medical physics is an applied science field that could describe natural phenomena related to human bodies with uncertainties using mathematics for diagnosis and radiotherapy. The current research interest of Dr. Arimura is the computational characterization of cancer for radiomics by applying mathematics such as topology and differential equations to medical images of real patients, which could include natural phenomena in patients' bodies. Since Dr. Arimura really loves holes including holes of lotus roots, he explores a topology-based hole analysis for radiomics. Lastly, the policy of Dr. Arimura is "You should do only what you really like".