

Akio YAMAMOTO



Professor, Graduate School of Engineering, Nagoya University, Japan. BS, Nuclear Engineering, Kyoto University, 1987, on transport theory based on spherical harmonics method, MS, Nuclear Engineering, Kyoto University, 1989, on critical experiments and analyses of high-conversion LWRs. Ph.D., Energy Science, Kyoto University, 1998, on loading pattern optimization methods for LWRs. Nuclear Fuel Industries, Ltd., Japan, 1989-2003, in charge of in-core fuel management and related methodology development for commercial LWRs.

In the current position, he is focusing on the computational reactor physics, nuclear safety, and education of reactor physics/nuclear safety.

He engages in various activities of Nuclear Regulation Authority (NRA), a team member of new regulatory requirements for light water reactors, new regulatory requirements for nuclear fuel facilities, commission on supervision and evaluation of the Fukushima Daiichi NPPs, the nuclear fuel safety examination committee. He is the chair of the nuclear fuel safety examination committee.

Member of Atomic Energy Society of Japan (AESJ) and a Fellow of American Nuclear Society (ANS). Board of Director of ANS(2019-2021). Past chair of reactor physics division of AESJ. Chair of nuclear safety division of AESJ. Co-Chair of standard committee of AESJ.