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福井大学 附属国際原子力工学研究所 所長・教授

昭和63年に大阪大学大学院 工学研究科 博士後期課程原子工学専攻を修了（工学博士）した後、（株）日本核燃料開発勤務を経て、平成３年4月に大阪大学工学部助手、平成10年8月に同大学助教授に。
平成21年4月より福井大学附属国際原子力工学研究所の教授、平成31年4月より同研究所所長。令和7年3月に定年退職後も、引き続き特任教授で所長を継続。
大阪大学での学位論文のテーマは「トリウム窒化物の合成と酸化挙動」。
日本核燃料開発では高燃焼度用燃料被覆管の腐食挙動に関する研究を、大阪大に戻ってからは、超高温処理法による廃棄物処理研究やZr水素化物の物性を研究。
さらに福井大学では、ウラン・トリウム燃料の物性研究、照射済燃料の物性評価手法開発、溶融凝固模擬燃料デブリの物性研究などに従事。

UNO Masayoshi

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After completing the doctoral program in Nuclear Engineering at the Graduate School of Engineering, Osaka University in 1988 and earning a Doctor of Engineering degree, Dr. Uno worked for Japan Nuclear Fuel Development Co., Ltd. He joined the Faculty of Engineering at Osaka University as a Research Associate in April 1991 and was promoted to Associate Professor in August 1998.

Since April 2009, he has served as Professor at the Research Institute of Nuclear Engineering, University of Fukui, and since April 2019 as Director of the Institute. Following his mandatory retirement in March 2025, he has continued to serve as Director while holding the position of Specially Appointed Professor.

The subject of his doctoral dissertation at Osaka University was “Synthesis and Oxidation Behavior of Thorium Nitride.” During his time at Japan Nuclear Fuel Development Co., Ltd., he conducted research on the corrosion behavior of fuel cladding materials for high-burnup nuclear fuels. After returning to Osaka University, he engaged in research on waste treatment using ultra-high-temperature processing methods and on the physical properties of zirconium hydrides.

At the University of Fukui, his research has focused on the physical properties of uranium-thorium fuels, the development of evaluation methods for irradiated nuclear fuel, and the study of the properties of simulated fuel debris produced through melting and solidification processes.