

<特集1>

レジェンド
巨匠、炉物理を語る

本稿は、若手世代への技術伝承を兼ねて、世界の炉物理界のレジェンドに炉物理の面白さを語っていただくという試みである。第4回は、特に輸送計算手法ならびにその加速法の開発に尽力され、また20年以上もANSのNuclear Science and Engineeringの副編集長を務められたNam Zin Cho氏である。



Prof. Nam Zin Cho
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Prof. Nam Zin Cho received his B.S. in nuclear engineering from Seoul National University in 1971 and Ph.D. in nuclear engineering from University of California at Berkeley in 1980. He worked at Science Applications, Inc in Palo Alto from 1980 to 1982, and at Brookhaven National Laboratory in Long Island from 1983 to 1987. In 1987, he joined the faculty at Korea Advanced Institute of Science and Technology (KAIST) in Korea, where he is mostly involved in teaching and research in reactor physics and neutron transport computation. He became a professor emeritus in September 2014. He is Fellow of American Nuclear Society since 2001, and was Associate Editor of Nuclear Science and Engineering (1997 - 2019). He was awarded Eugene P. Wigner Reactor Physicist Award from American Nuclear Society in 2017. The citation of the Wigner Award reads: For his seminal contributions to computational reactor physics and neutron transport, including the development of analytic function expansion nodal (AFEN) method, the partial current-based coarse-mesh finite difference (p-CMFD) acceleration method for deterministic and stochastic iterative calculations, and the 2D/1D “fusion” method for three-dimensional whole-core transport computation in reactor physics. He was Technical Program Chair for PHYSOR 2002, a series of the ANS topical meetings on reactor physics, held in Seoul, Korea. He was General

Chair for ND 2010, International Conference on Nuclear Data for Science & Technology, held in Jeju, Korea. He was General Chair for M&C 2017, a series of the ANS topical meeting on mathematics and computation, held in Jeju, Korea. From 2003 to 2006, he served as Commissioner of the Atomic Energy Commission of the Republic of Korea. From 2007 to 2008, he was President of Korean Nuclear Society

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