

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頂こうという試みである。第 3 回は、集合体不連続因子(ADF)、粗メッシュ拡散(CMFD)加速法などの開発者であり、近代ノード法の発展に顕著な貢献をされた Kord Smith 氏である。



Dr. Kord Smith

<http://web.mit.edu/nse/news/spotlights/2011/smith.html>

Dr. Kord Smith retired on the first of Sept. 2020 from his position as the KEPCO Professor of the Practice of Nuclear Science and Engineering at the Massachusetts Institute of Technology, where he taught graduate courses in nuclear reactor physics and nuclear reactor engineering. His areas of technical expertise and research interests are computational reactor physics, numerical algorithms for reactor core simulations, nonlinear methods for solving coupled physics problems, high performance computing algorithms/applications, and practical development of reactor core design/optimization/licensing/analysis tools. He was a founding member, 27-year employee, Vice-President of Technical Development, and later President/CEO of Studsvik Scandpower, a leading supplier of nuclear reactor core simulation software (the CASMO and SIMULATE code suite) that is used extensively for the design, safety analysis, and licensing of commercial light water reactors around the world. Professor Smith also served as the Chief Scientist for the DOE Office of Science Center for Exascale Simulation of Advanced Reactors (CESAR) that engaged in High Performance Computing software/hardware co-design activities for the DOE Office of Advanced Scientific Computing Research.

(名古屋大学 山本 章夫)