

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。初回は、こちらの意図をお伝えしたところ、ご快諾いただいた Yung An Chao さんをお願いすることとした。



Dr. Yung-An Chao (趙榮安), Retiree of Westinghouse Electric Company

- BS Physics (1964) of National Taiwan University; PhD Physics (1970) of Carnegie-Mellon University, US.
- 1970-1975 Researching in physics at Niels Bohr Institute in Denmark, Rutherford High Energy Laboratory in England, and Carnegie-Mellon University in US.
- 1976-1983 Teaching in Nuclear Science and Engineering Division at Carnegie-Mellon University, US.
- 1984-2011 Working at Westinghouse Electric Company responsible for core analysis methods development.
- 2004-2011 Working at Westinghouse Shanghai office and teaching at Shanghai Jiao Tong University.
- Research interest in application oriented theoretical work. Major contributions in areas of hexagonal nodal methods, coarse mesh finite difference method, loading pattern search and optimization method, space-time neutron kinetics, dynamic rod worth measurement (DRWM) and subcritical reactivity measurement. Awarded with the gold medal of Westinghouse Signature Award and honored with ANS Fellow.
- After retirement in 2011, continuing in research on the development of Generalized SPn (GSPn) theory.