

VI NUCLEAR DATA NEWS

ACTIVITIES AND COOPERATIONS IN 1990

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1 The following meetings were held by CNDC in 1990 :

. «The Second Meeting of Chinese Committee of Nuclear Data» , CIAE, Beijing, 12~ 15 June 1990. Reviewed the work for 1987~ 1990 and the programs for 1991~ 1995 on nuclear data; summed up the experience in the past and studied future.

. «The Symposium on Nuclear Data Measurement and Evaluation» , Xian, 1~ 6 Sep. 1990. Exchanged and reviewed the progress in nuclear data measurements and evaluations; Introduced the international development and arranged the future work.

. «The Workshop on Nuclear Data Calculation for Fission Nuclides» , Tianjin, 7~ 8 Oct. 1990. The progress and the problems were discussed.

. «The Specialist Meeting of Reviewing the High-lights on Theory Work for the Period from 1991 to 1995» , Zhengzhou, 6~ 11 Nov. 1990. The progress was reported and future work arranged.

2 Two international meetings were held in China, in November 1990. They are :

. «IAEA Advisory Group Meeting on Nuclear Data for Neutron Multiplication in Fusion-Reactor First-Wall and Blanket Materials» , Chengdu, China, 19~ 20 Nov. 1990. Organized by the NDS / IAEA, with the cooperation of local organizers of Southwest Institute of Nuclear Physics and Chemistry (SWINPC). Attended by 30 scientists from 5 countries (including USA, USSR, Japan, Holand, China and IAEA).

. «Informal International Seminar on Nuclear Data» , held at CIAE, Beijing, in 16 Nov. 1990, Foreign specialists attended. Reviewed the nuclear data work in China. (including measurement, evaluation and theory study).

3 The following international meetings, workshop or training course in the nuclear data field were attended by Chinese scientists in 1990 :

. « Workshop on Nuclear Data and Reactor Physics » , ICTP / Trieste, Italy, from 12 Feb. to 16 Mar. 1990.

. « Meeting of the NSDD Evaluators' Network » , Kuwait, 10~14 Mar. 1990.

. « Double Differential Neutron Emission Measurement and Analysis (3rd RCM) » , Vienna, Austria, 18~20 June 1990.

. « Methods of Calculation of Fast Neutron Nuclear Data for Structural Materials (3rd CM) » , Vienna, Austria, 20~22 June 1990.

. « Results of FENDL-1 Testing and Start of FENDL-2 » , Vienna, 25~28 June 1990.

. « 9th Meeting of the A+M Data Centers and ALADDIN Network » , Vienna, 20~21 Sep. 1990.

. « School on Qualitative Aspects and Applications of Nonlinear Evaluation Equations » , ICTP / Trieste, from 10 Sep. to 5 Oct. 1990.

. « Intermediate Energy Nuclear Data for Applications » , Vienna, 1990, 9~12 Oct. 1990.

. « 18th Meeting of the International Nuclear Data Committee » , Vienna, 15~19 Oct. 1990.

. « Nuclear Data for Neutron Emission in the Fission Process » , Vienna, 22~24 Oct. 1990.

. « Nuclear Data for Neutron Multiplication in Fusion Reactor First Wall and Blanket Materials » , Chengdu, China, 19~21 Nov. 1990.

. « 1990 Symposium on Nuclear Data » . JAERI, Japan, 29~30 Nov. 1990.

4 In 1990, 4 people, as visit scientists, fellowship of IAEA or STA program (Japan), worked in ORNL / USA, ENEA-Bologna Italy, ECN / Netherlands, JAERI / NDC, engaged in nuclear data evaluation, nuclear theoretical model study, code development and group constant generation as well as physics calculation of reactor engineering.

5 International cooperation projects during 1985~1990, we undertook ~ 20 IAEA projects (including nuclear data measurement, evaluation as well as theory calculation and processing method study on nuclear data). At the end of 1990, other 5 projects are added. The technical cooperation project-CPR / 1 / 004, « Development of Nuclear Data Library » had been finished on time, the MICRO-VAX-II computer supported by IAEA have op-

erated safely for 1.5 years and used successfully in nuclear data field at CNDC.

6 The following foreign scientists in nuclear fields visited CNDC / CIAE in 1990 :

- . Mar. 3~18, 1990 Drs. Y. Kikuchi and T. Nakagawa (JAERI / NDC).
- . Mar. 27, 1990 Dr. E. T. Cheng (GA / USA).
- . Apr. 18~19, 1990 Dr. B. F. Maskewitz (ORNL / USA).
- . Sep. 17~29, 1990 Dr. C. L. Dunford (NNDC / BNL, USA, as IAEA expert).
- . Nov. 14~17, 1990 Dr. D. W. Muir (NDS / IAEA).
- . Nov. 14~17, 1990 Dr. H. Gruppelaar (ECN / Petten, Holand).
- . Nov. 16, 1990 Drs. E. T. Cheng (TSI, USA).
 - M. Youssef (California Univ. Los Angeles, USA)
 - J. W. Davidson (LANL, USA)
 - J. I. Smith (GA, USA)
 - K. Sumita (Osaka Univ., Japan)
 - H. Maekawa (FNS / JAERI, Japan)
 - M. Baba (Tohoku Univ., Japan)