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Graduate School Education

KEK is one of basis organizations of the Graduate University for Advanced Studies (SOKENDAI) with the Departments of Materials Structure Science, Accelerator Science and Particle and Nuclear Physics. Some of the PF staff members are in charge of giving lectures and supervising graduate students. There is also a system of Joint Ph. D (JPHD) students, who are accepted by the PF to pursue advanced studies under the supervision of PF staff members towards their Ph. D degrees in collaboration with their home universities. The numbers of graduate students who entered the SOKENDAI during the past decade are shown in Table 1.

Three young researchers obtained their Ph. D degrees with the SOKENDAI in FY2004. The Ph. D thesis of Atsushi MIZUSAWA is titled "XAFS Investigations of Hydrothermal Processes", that of Hidefumi UCHIYAMA is titled "Development of Compton-scattered Photon and Electron Coincidence Measurement with Two-Dimensional X-ray Detector and The Experimental Study of Three-Dimensional Electron Momentum Distribution", and Michio INOUE presented his Ph. D thesis entitled "Structural and Functional Analysis of Intra-Cellular transport between Golgi Apparatus and Endosome/Lysosome System using Synchrotron Radiation".

In addition to the SOKENDAI and JPHD graduate

students, a number of doctoral theses have been written based on research carried out at the PF. Fig. 1 shows the number of graduate students who obtained a Ph. D degree related to scientific activities at the PF.

Table 1 Number of SOKENDAI and JPHD students at the PF for the period 1990-2004

FY	SOKENDAI	JPHD
1990	3	2
1991	6	3
1992	4	5
1993	6	9
1994	4	6
1995	4	6
1996	4	4
1997	2	4
1998	3	11
1999	1	5
2000	4	5
2001	4	8
2002	5	7
2003	5	8
2004	4	5

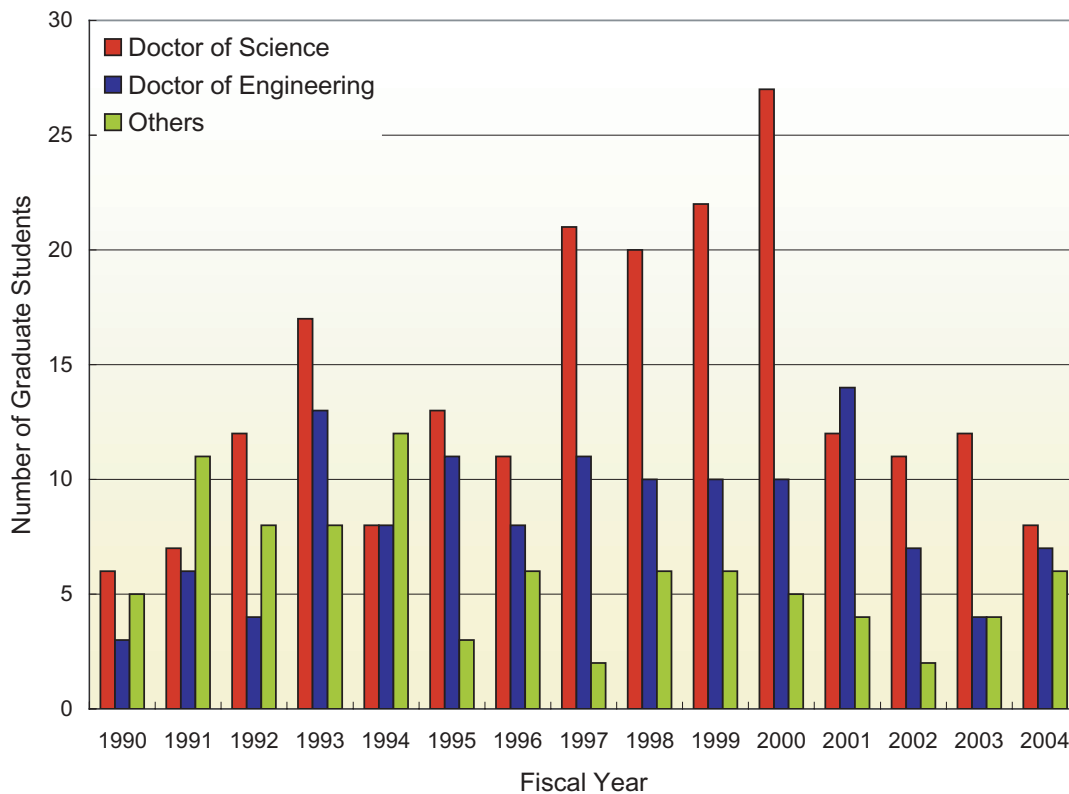


Figure 1 Number of the graduate students who obtained a doctoral degree related to scientific activities at the PF.