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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 number of graduate students who entered SOKENDAI during the past 15 years is shown in Table 1.

Four young researchers obtained their Ph. D degrees with SOKENDAI in FY2005. The Ph.D thesis of Leonard CHAVAS is entitled "Structural and Biochemical Studies on Glycoconjugate Alteration and Vesicle Transport". Daisuke SHIMAO presented his Ph.D thesis entitled "Development of X-Ray Dark-Field Imaging and its Application to Image Diagnosis for Arthropathy". The Ph.D thesis of Ryoko TAZAKI is entitled "Study for Charge Ordering State of Molecular Crystal using Synchrotron X-Ray Diffraction Methods". Akio YONEYAMA presented his Ph. D thesis entitled "Phase-Contrast Biomedical Imaging System using a Two-Crystal X-Ray Interferometer".

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. Figure 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 over the period 1991-2005.

FY	SOKENDAI	JPHD
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
2005	4	6

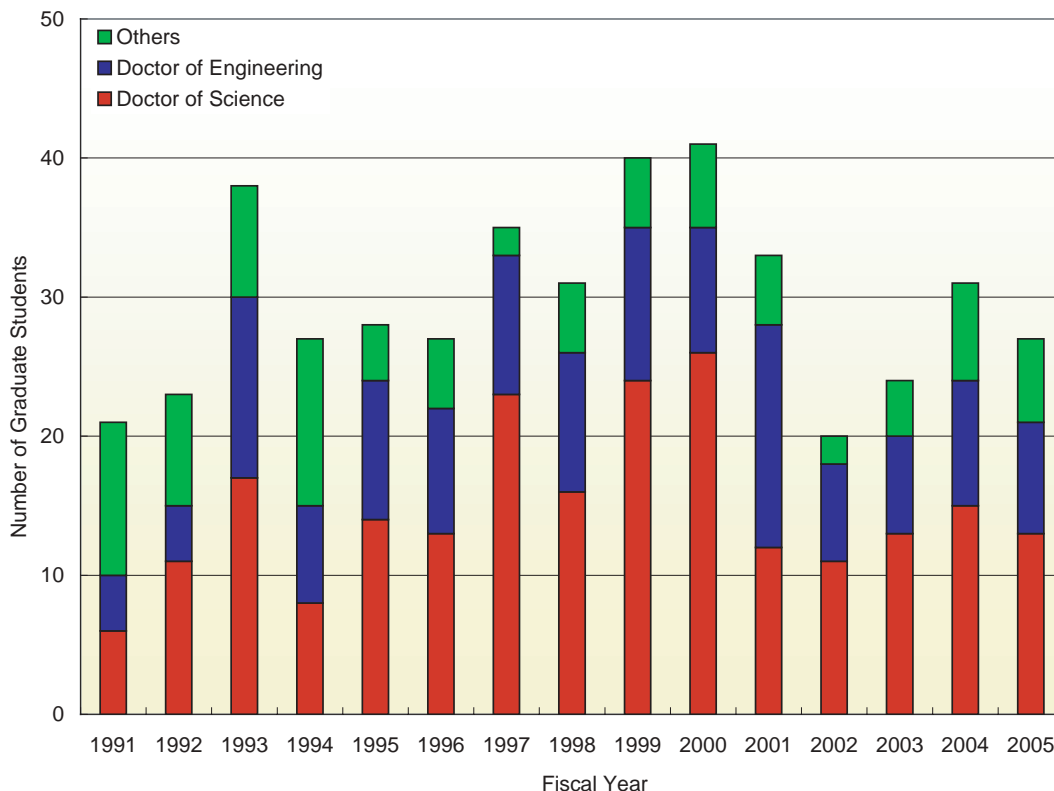


Figure 1 Number of those who obtained doctoral degrees based on scientific activities at the PF.