# Joint DESY and University of Hamburg Accelerator Physics Seminar

## Tuesday, November 16, 2004

**(16:30 in Room 459/30b)**

## Operation and Accelerator Physics Trends at the ESRF

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**Abstract**

The ESRF was the first third generation synchrotron light source to be commissioned in 1992. Since routine operation started in 1993, the ESRF has dramatically surpassed its target goals with a brilliance increase by more than two orders of magnitude with respect to the $2 \times 10^{18}$ photons/s/mm$^2$/mrad$^2$/0.1% BW initially targeted. In this talk, I will first give an overview of the ESRF today and outline the different contributions to the brilliance increase. Next I will describe recent accelerator physics activities. Lastly, I will discuss future prospects.

**NOTE THE UNUSUAL TIME**

D.P.Barber (MPY), J.Rossbach (Univ. HH) and M.Vogt (MPY).

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