



Wednesday, February 5, 2003

3:00 pm

APS Auditorium, Building 402, Argonne

National Laboratory

[APS Colloquium home](#)

Yves Petroff

European Synchrotron Radiation Facility (ESRF)

Underused possibilities of 3rd generation synchrotron radiation sources

Third generation synchrotron radiation sources have opened a number of new possibilities: phase contrast imaging, hard X-Ray inelastic scattering, microdiffraction, ... However, there are still areas which have been developing very slowly. This is the case of time-resolved experiments or soft X-Ray inelastic scattering. Various examples will be presented and discussed.

Dr. Yves Petroff has an international reputation for leadership in synchrotron radiation-related research. He has nearly two decades of experience directing major radiation facilities, first as Director of Lure, then as Director General of the European Synchrotron Radiation Facility (ESRF) in Grenoble, both in France.

Dr. Petroff received his PhD in 1970 from the Laboratory Ecole Normale Supérieure in Paris. In 1975, he joined the faculty of the Physics Department at the University of California at Berkeley as a Professor. From 1980 to 1990, he was the Director of Lure at Orsay, France. He then served as the Director General of ESRF from 1992 to 2001. After 19 months at the Advanced Light Source at Lawrence Berkeley National Laboratory as a special advisor, Dr. Petroff returned to ESRF and is presently in the Ministry of Research.
