



PAUL SCHERRER INSTITUT

Extra Photon Science Seminar

Support for Instrumentation for Materials Research at the US National Science Foundation

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Instrumentation,
The National Science Foundation, Arlington, USA

DATE: Friday, 28th August 2015
TIME: 11:00
ROOM: WBGB/019

Abstract

The Division of Materials Research at the National Science Foundation is a major funding source for university based materials research in the USA. Research areas within the purview of DMR include Biomaterials, Ceramics, Condensed Matter Physics, Condensed Matter and Materials Theory, Electronic and Photonic Materials, Metals and Metallic Nanostructures, Polymers, and Solid State & Materials Chemistry. These core programs will be discussed. Additionally, critical support for such a diversified research portfolio is provided through a range of cross-cutting and multidisciplinary tools and infrastructure portfolio, such as the well-known Materials Research Science & Engineering Centers, and National Facilities and Instrumentation Programs.

This talk will discuss the DMR National Facilities portfolio. The portfolio is based on the Cooperative Stewardship model and includes investment in high magnetic fields, in synchrotron and neutron facilities. These will be presented **and** discussed in the National and International context.

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