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**A Method for Polarization Control and Analysis on Bonse-Hart Double-crystal USANS Instruments.** Kenneth Littrell, Wai Tung Lee, Intense Pulsed Neutron Source, Argonne National Laboratory, 9700 South Cass Ave. Bldg. 360, Argonne, IL 60439 USA.

The use of polarized beams and polarization analysis is an area of increasing interest to the small-angle neutron scattering (SANS) community. Since the angular acceptance of a DCD USANS instrument is very narrow, magnetic prisms can be exploited to select polarization. We compare two schemes by which this can be accomplished and describe how this method can be adapted for use on time-of-flight DCD USANS instruments. The wavelength dispersion of the prism can be used on steady-state instruments to select or suppress higher harmonics of the characteristic incident wavelength.