



Sai Venkatesh Pingali

**Neutron Scattering Scientist
Oak Ridge National Lab (ORNL)**



Dr. Sai Venkatesh Pingali have been working at the Oak Ridge National Laboratory, a Department of Energy Laboratory since 2008 under various capacities, as an expert on using scattering techniques to probe nano- to mesoscale structure and morphology of biological and chemical systems. Primary focus is to understand structure-function correlation. His responsibilities include two parts- facilitating the use of the biological small-angle neutron scattering instrument (Bio-SANS) for scientific research and driving an independent research program which is currently the study of structure and morphology of materials relevant for biofuels and biomedicine and advanced functionality. Dr. Pingali's doctoral degree is from the University of Illinois at Chicago in physics and his postdoctoral training under Dr. Thiyagarajan Pappannan, at the Argonne National Laboratory and Dr. Volker S. Urban at the Oak Ridge National Laboratory. Dr. Pingali has been driving the structural and morphological study of Lignocellulose materials, especially to understand the deconstruction and assembly process at the nanoscale using scattering techniques.

Structural Studies of Complex Biological Systems using Neutron Scattering

Tuesday, January 24

1:00 – 1:50pm

1420 LEEP2