

**Steve KRAVE - Coil Impregnation Processes and Experiences at FNAL**

*Coil impregnation is the last major step in Nb<sub>3</sub>Sn coil fabrication. Success at this stage determines the feasibility of a coil and plays an important role in the ultimate performance achieved, both in terms of field quality and ultimate field. This talk is an overview of the processes implemented at Fermilab to achieve a high-quality impregnation from both tooling configuration and process as well as discussion on what is often problematic. Experience beyond standard Nb<sub>3</sub>Sn coils is also discussed including experience with CLAS12 Torus coils and use of materials beyond epoxy.*