Project Topics

Project 1

The role and effect of silver in SiC

SiC as a cladding material (non-TRISO applications)

High temperature materials for gas reactor heat exchangers

Project 2

Minor actinide bearing metallic fuels

Swelling of stainless steel under fast fluence

Alternate geometries of metallic fuels (e.g., slotted)

Project 3

Inert matrix actinide-bearing fuel concepts

Cermet fuel concept and applications