

【Track2】 Advanced Cladding Materials

• NEA Second Framework for Irradiation Experiments FIDES-II: progress of the Framework and future prospects

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• Neutron irradiation and post-irradiation examinations of SiC-based composite materials for the development of accident-tolerant LWR fuel cladding

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• In situ micromechanical investigation of mechanically loaded SiC/SiC cladding

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• Nitride Dispersion Strengthened FeCrAl alloy during Laser Powder Bed Fusion for the Accident Tolerant Fuel Cladding Materials

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