



Christophe Journeau

graduated from Paris Central School of Engineering and got his PhD from the University of Orléans.

In 1990, he joined CEA, the French Atomic Energy and Alternative Energy Commissions where he has been conducting experimental R&D on severe accidents and in particular fuel debris for more than 20 years in relation with CEA Cadarache PLINIUS platform.

He is now CEA international expert on thermalhydraulics and thermodynamics applied to severe accidents.

His main topics of research have been the spreading of corium, Molten Core Concrete Interaction, Molten Fuel Sodium Interaction, generation of aerosols above corium pools.

He has represented CEA in the OECD SAREF Senior Expert Group on post-Fukushima Research and is member of the BSAF (Benchmark on Severe Accident in Fukushima) and PreADES (Preparation of the Analysis of Debris Samples) projects.

He is also currently participating to the COMEX-led consortium developing laser-cutting of Fukushima Daiichi fuel debris.

He authored more than 60 peer-reviewed articles.