


**Personal Information**

Full name	Christian Day	
Current position	Leader of the Vacuum Department at the Institute of Technical Physics at Karlsruhe Institute of Technology, Project Leader Vacuum in the European Fusion Programme	
Organization	Karlsruhe Institute of Technology (KIT)	
Country	Germany	

**Short Biography**

Dr. Christian Day is with the Karlsruhe Institute of Technology (KIT), Germany. He is chemical engineer by education and received his PhD in 1995 (in thermodynamics).

Currently, in the KIT Nuclear Fusion Programme he is leading the Fuel Cycle Task Force. On national level he co-ordinates the German fusion activities in the area of tritium and vacuum pumping. In addition, he is Project Leader of the European Work Package Tritium-Matter Injection-Vacuum in the EUROFUSION Consortium. In 2014 he was awarded the European Innovation Prize in fusion research for his work on a novel vacuum pumping concept for nuclear fusion. His technology research focus is on high throughput vacuum pumping in harsh environments.

On the academic side, Chris Day is teaching Vacuum Science & Technology in the KIT University. He is active in the Executive Board of the German Vacuum Society and represents the Society in the Vacuum Science and Technology Division of IUUSTA. His scientific research focus is on rarefied gas dynamics and its application to support a sound vacuum system design and development.