

NOMATEN Hybrid Seminar

Location: NOMATEN seminar room

Time: 1 PM

gotomeeting room (for online): <https://meet.goto.com/NCBJmeetings/nomaten-seminar>

Seminar date: June 4th, 2024

Title: R&D on Fusion Materials at Belgian Nuclear Research Centre

Speaker name: Dr. Dmitry Terentyev

Speaker affiliation: SCK-CEN Belgian Nuclear Research Centre

Abstract: The talk will provide an overview of activities held by Belgian Nuclear Research Center (SCK CEN). Then, the Fusion R&D programme carried over last 10 years will be presented. And finally, the current vision and near future infrastructural developments at SCK CEN will be presented

Bio: In 2021 Dmitry Terentyev has been appointed at Programme Manager of Fusion R&D at Belgian Nuclear Research Center, maintaining the role of Responsible Officer (for interaction with EC), External Point of Contact (for commercial projects related to fusion) and Researcher (running several EC projects and supervising PhDs). Graduated in Experimental Nuclear Physics and Elementary Particles in 2002, he began his career in Belgium Nuclear Research Center (SCK CEN) in 2003 as PhD student. The PhD diploma was issued by Université Libre de Bruxelles in 2007, major in the field of solid state physics and nuclear materials. In 2007-2013, he moved up through various positions within EDFA (European fusion development agreement), acting as Principal Investigator and Project Lead for FP6 and FP7 Projects. In 2014, he was appointed as head of Fusion Research Unit at SCK CEN, and the responsibility was extended in 2017 with the appointment as Head of Structural Material expert group. Dmitry is also acting as European Representative and Chair of the Fusion Material Technology Collaborative Platform under IEA (Paris), is being a member of Technical Advisory Panel at F4E (Barcelona), visiting professor of University of Gent (Belgium). The expertise field of Dmitry covers Structural Materials, Radiation damage physics, Plasma-material interaction, Application of accelerators in solid state physics, Computational material science & multi-scale modelling, Qualification of structural materials for nuclear applications