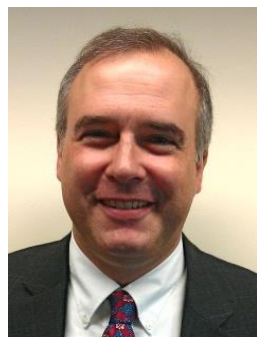


## ADVANCING MATERIALS RESEARCH FOR POWER GENERATION

28 January 2015, 14h00 – 18h00

### SPEAKERS AND MODERATORS



**Mr. Thomas Vanek, Chair of the IEA Fusion Power Co-ordinating Committee, is the Senior Policy Advisor for the Office of Fusion Energy Sciences at the U.S. Department of Energy.** Mr. Vanek began his government career in 1995 by first serving on the U.S. House of Representatives Science Committee, followed by a post as Senior Advisor in the U.S. Department of Energy, Office of Science. Mr. Vanek has focused on fusion research during his government career and on ITER since 2002, serving on the ITER Council, ITER Council Preparatory Working Group and ITER Management Advisory Committee. Mr. Vanek holds a Bachelors' Degree in Public Affairs (Bachelors) from the George Washington University and a Masters' Degree in International Affairs from Georgetown University. Mr. Vanek received the Secretary of Energy Exceptional Service Award in 2006.



**Dr. Richard Kamandje, Physics Section, International Atomic Energy Agency,** obtained his PhD degree in Plasma & Fusion Physics at the Graz University of Technology, Austria. He joined the IAEA in 2009 where he has since been fostering international collaboration on issues related to, programmes and steps necessary to advance the demonstration of electricity production from nuclear fusion. Before joining the IAEA in 2009 several years of his research career were spent at the Joint European Torus (JET) under the European Fusion Development Agreement (EFDA) as Scientific Assistant to the Project Leader.



**Michael Rieth** works as senior research scientist at the Institute of Applied Materials (IAM) at the Karlsruhe Institute of Technology since 2002. Since 2011 is Head of the High Temperature Materials Group at IAM and Divertor Task Force Leader in the KIT FUSION Project. In 2008 he started as Co-chair of the EFDA Fusion Materials Group and since 2013 he is Leader of the EUROfusion Materials Project.



**Dr. Peter Pappano, Program Manager for Materials Science, Department of Energy, United States, Chair, Fusion Materials Implementing Agreement,** manages programs in the structural, plasma facing material/component area, and blanket first walls. Dr. Pappano is also the point of contact for the US-J collaboration called PHENIX, which is dedicated to studying tungsten and tungsten alloys for fusion applications, specifically tungsten response to irradiation, high heat flux, and tritium permeation and retention. He is the Chair of the IEA IA for Fusion Materials.



**Dr. Concetta Fazio, DG Joint Research Centre, Institute for Transuranium Elements , Materials Research Unit, European Commission,** is responsible for the education and training activities at the Institute for Transuranium Elements since December 2013. She was staff member of the Program Nuclear Safety Research of the Karlsruhe Institute of Technology from 2003 to 2013. During this time she has coordinated the institutional research program on partitioning and transmutation of nuclear waste and safety of new systems as well as several EU funded projects in the area of materials and technology for nuclear energy systems. She has also coordinated the European Energy Research Alliance Joint Program for Nuclear Materials from 2009 to 2013. She has performed research activities on materials for nuclear fission and nuclear fusion at the Italian research centre ENEA from 1994 to 2002.