



Seminarium Zakładu Energetyki Jądrowej i Analiz Środowiska (UZ3) Departament Badań Układów Złożonych (DUZ)

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Japan-Poland Collaboration and JAEA's Current Activities in HTGR Development

Abstract:

The collaboration between JAEA and NCBJ in the field of HTGR began in 2017 and has been successfully progressing up to now. An overview of the history of this collaboration will be provided. In March of this year, JAEA conducted the Loss of Forced Cooling (LOFC) test using the HTTR at full power to demonstrate the inherent safety features of HTGRs. JAEA is also planning a hydrogen production demonstration using the HTTR by 2028. The results of the LOFC test and current activities at JAEA will be presented.

Serdecznie zapraszamy
Tomasz Kwiatkowski, Mariusz Dąbrowski

Bio:

Dr Hirofumi Ohashi - is Deputy Director, HTGR Project Management Office, Japan Atomic Energy Agency (JAEA). He received his Ph.D. from Yokohama National University in 1999.

He has been working for HTGR development for 24 years in JAEA. The scope of his work is R&D on connection technology between nuclear reactor and heat utilization facility, design and safety analysis of HTGR, development of safety standards for HTGR, etc. He is the project manager for the collaboration between JAEA and NCBJ on HTGR and stayed in NCBJ from 2019 to 2022.