

3rd Seminar on Development of HTGR Technology for Cogeneration and Heat Applications

Organized by
Japan Atomic Energy Agency (JP)
National Centre for Nuclear Research (PL)

in cooperation with
Ministry of Education, Culture, Sports, Science and Technology (MEXT, JP)
Ministry of Climate and Environment (PL)

Web Seminar by Zoom

Thursday, 22 October 2020

08:00-08:30 (CEST) Registration by Zoom Connection
15:00-15:30 (JST)

08:30-09:20 (CEST) Opening Session
15:30-16:20 (JST) (Chair: Dr. Y. Inaba, JAEA and Prof. M. Dąbrowski, NCBJ)

08:30-08:35 (CEST)	<i>Greeting from Japan</i> (<u>Mr. S. Matsuura, MEXT</u>)
15:30-15:35 (JST)	
08:35-08:40 (CEST)	<i>Greeting from Poland</i> (<u>Dr. J. Sobolewski, Ministry of Climate and Environment Advisor</u>)
15:35-15:40 (JST)	
08:40-08:50 (CEST)	<i>Invited Speech: Role of HTGR for decarbonization</i> (<u>Prof. K. Okamoto, University of Tokyo</u>)
15:40-15:50 (JST)	
08:50-09:00 (CEST)	<i>Japan's HTGR development</i> (<u>Dr. T. Nishihara, JAEA</u>)
15:50-16:00 (JST)	
09:00-09:20 (CEST)	<i>Poland's HTGR development</i> (<u>Prof. M. Dąbrowski, NCBJ</u>)
16:00-16:20 (JST)	

09:20-10:40 (CEST) Technical Session 1: Present Status of GOSPOSTRATEG-HTR
16:20-17:40 (JST) (Chair: Prof. M. Dąbrowski, NCBJ)

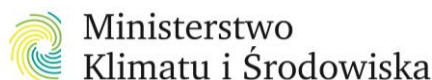
09:20-09:40 (CEST)	<i>Preparation of legal and organizational environment for the HTR implementation. Social and economic benefits</i> (<u>Dr. A. Boettcher, NCBJ</u>)
16:20-16:40 (JST)	
09:40-10:00 (CEST)	<i>Methods for diagnostics of structural materials in the HTR construction</i> (<u>Dr. M. Frelek-Kozak, NCBJ</u>)
16:40-17:00 (JST)	
10:00-10:20 (CEST)	<i>Methods and procedures for testing materials in the MARIA research reactor</i> (<u>Mr. M. Migdal, NCBJ</u>)
17:00-17:20 (JST)	
10:20-10:40 (CEST)	<i>Research and analysis of selected chemical aspects of the production and use of TRISO fuel in the HTR nuclear reactor</i> (<u>Dr. M. Brykała, IChTJ</u>)
17:20-17:40 (JST)	

10:40-10:50 (CEST) Break
17:40-17:50 (JST)

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10:50-12:30 (CEST) Technical Session 2: HTGR Design and Technology Part 1
17:50-19:30 (JST) (Chair: Dr. Y. Inaba, JAEA)

10:50-11:40 (CEST)	<i>Nuclear design of HTGR using HTR50S as an example</i>
17:50-18:40 (JST)	(Dr. M. Goto, JAEA)
11:40-12:30 (CEST)	<i>Design of high burnup fuel for HTGR</i>
18:40-19:30 (JST)	(Dr. K. Sasaki, JAEA)

Friday, 23 October 2020

08:00-08:30 (CEST) Registration by Zoom Connection
15:00-15:30 (JST)

08:30-09:30 (CEST) Technical Session 3: HTGR Design and Technology Part 2
15:30-16:30 (JST) (Chair: Dr. Y. Inaba, JAEA)

08:30-09:30 (CEST)	<i>Study on flexible HTGR fuel cycle from the perspective of waste disposal</i>
15:30-16:30 (JST)	(Dr. Y. Fukaya, JAEA)

09:30-11:30 (CEST) Technical Session 4: Heat Application Technology
16:30-18:30 (JST) (Chair: Dr. Y. Inaba, JAEA)

09:30-10:30 (CEST)	<i>Process heat coupling technology & HTGR gas turbine power conversion systems</i>
16:30-17:30 (JST)	(Dr. H. Sato, JAEA)
10:30-11:30 (CEST)	<i>R&D of hydrogen production technology for heat application of HTGR</i>
17:30-18:30 (JST)	(Dr. N. Tanaka, JAEA)

11:30-11:50 (CEST) Closing Discussion
18:30-18:50 (JST) (Chair: Dr. K. Kowal, NCBJ and Dr. H. Ohashi, JAEA)

11:50-11:55 (CEST) Closing Remarks
18:50-18:55 (JST) (Prof. M. Dąbrowski, NCBJ and Dr. T. Shibata, JAEA)

CEST: Poland time

JST : Japan time

Questions are supposed to be put on a CHAT. The chair will pass them to the speakers if there is time. If not the questions can be answered on the CHAT by the speakers themselves or later via email.

CAUTION!

Recording and screen capture of the presentations are prohibited.

Organizers:



Japan Atomic
Energy Agency



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