



Technical Meeting on the Justification, Planning and Development of Small and Medium Scale Accelerator-Based Facilities

IAEA Headquarters, Vienna, Austria
1–3 October 2024

Meeting room: C-CR2
(EVT2304204)

Meeting Agenda

Tuesday, October 1, 2024

Time (CET)	Topic of presentation / discussion	Speaker and affiliation
10:00 – 10:30	<i>Opening – welcome addresses</i>	Ms Tzanka Wheldon, <i>Director, NAPC, IAEA</i> Mr Danas Ridikas, <i>Section Head,</i> <i>Physics Section, NAPC, IAEA</i>
10:30 – 11:00	<i>Physics Section activities in support of sustainable development of accelerator facilities</i>	Mr Sotirios Charisopoulos, <i>Physics Section, NAPC, IAEA</i>
11:00 – 11:30	<i>Coffee / Tea break</i>	
11:30 – 12:00	<i>Development of the ATLAS accelerator facility at Argonne</i>	Mr Guy Savard, <i>Physics Division, Argonne National Laboratory, Lemont, IL, USA</i>
12:00 – 12:30	<i>45 Years of Sustained Operation of the UK National Ion Beam Centre</i>	Mr Roger Webb <i>UK National Ion Beam Centre, University of Surrey, Guildford, UK</i>
12:30 – 14:00	<i>Lunch break</i>	
14:00 – 14:30	<i>Research and Management at the Centro Nacional de Aceleradores</i>	Mr Joaquin Gómez-Camacho, <i>Centro Nacional de Aceleradores, Sevilla, Spain</i>
14:30 – 15:00	<i>Applications of high energy ion beams from tandem accelerator for elemental and molecular imaging: μ-PIXE and MeV-SIMS</i>	Mr Primož Pelicon <i>Jožef Stefan Institute, Ljubljana, Slovenia</i>
15:00 – 15:30	<i>Status and development of electrostatic accelerator facilities at the Institute of Applied Physics of National Academy of Sciences of Ukraine</i>	Mr Alexander Ponomarev <i>Institute of Applied Physics of National Academy of Sciences of Ukraine, Sumy, Ukraine</i>
15:30 – 16:00	<i>Coffee / Tea break</i>	
16:00 – 16:30	<i>Upgrading the SSC facility at iThemba LABS</i>	Mr Sakiendien Moenir <i>iThemba LABS, Somerset West, South Africa</i>
16:30 – 17:00	<i>Modernization of the 3.75 MV Van de Graaff accelerator facility of Algiers Nuclear Research Center: Progress and challenges</i>	Mr Khaled Belhout <i>Algiers Nuclear Research Center, Algiers, Algeria</i>

Wednesday, October 2, 2024

Time (CET)	Topic of presentation / discussion	Speaker and affiliation
10:00 – 10:30	<i>The TOP-IMPLART linear proton accelerator medium accelerator facility</i>	Ms Giulia Bazzano <i>ENEA Frascati Research Center, Frascati, Italy</i>
10:30 – 11:00	<i>Experience of small and medium scale Proton and Heavy Ion Accelerator Facilities</i>	Mr Arun Agarwal <i>Bhabha Atomic Research Centre, Trombay, Mumbai, India</i>
11:00 – 11:30	<i>Coffee / Tea break</i>	
11:30 – 12:00	<i>Upgrades at the Tandem Accelerator Facility at the Ruđer Bošković Institute</i>	Mr Donny Cosic <i>Ruder Boskovic Institute (RBI), Zagreb, Croatia</i>
12:00 – 12:30	<i>Establishment of the Ghana Pelletron Accelerator Facility for Sustainable National Development - Successes, Challenges and Lessons learnt.</i>	Mr Christian Nuviadenu, <i>National Nuclear Research Institute, Ghana Atomic Energy Commission, Accra, Ghana</i>
12:30 – 14:00	<i>Lunch break</i>	
14:00 – 14:30	<i>Practical activities at the cyclotron facility of EAEA</i>	Mr Ebrahim Elmetwally <i>Nuclear Research Center, Egyptian Atomic Energy Authority (EAEA), Cairo, Egypt</i>
14:30 – 15:00	<i>Applications of high energy ion beams from tandem accelerator for elemental and molecular imaging: μ-PIXE and MeV-SIMS</i>	Mr Muhammad Ali, <i>Pakistan Institute of Engineering & Applied Sciences, Islamabad, Pakistan</i>
15:00 – 15:30	<i>The IAEA Ion Beam Facility project</i>	Mr Sotirios Charisopoulos, <i>Physics Section, NAPC, IAEA</i>
15:30 – 16:00	<i>Coffee / Tea break</i>	
16:00 – 16:30	<i>Recap and QA</i>	All participants
16:30 – 17:00	<i>Round table discussion incl. structure of the meeting report</i>	All participants

Thursday, October 3, 2024

Time (CET)	Topic of presentation / discussion	Speaker and affiliation
10:00 – 11:00	<i>Drafting of the meeting report</i>	All participants
11:00 – 11:30	<i>Coffee / Tea break</i>	
11:30 – 12:30	<i>Reviewing and finalizing the meeting report</i>	All participants
12:30	<i>END OF THE MEETING</i>	