

## Planned Regional Events under RCA Projects in 2021

<i>Project Code</i>	<i>MT/WS: Meeting/ Workshops</i>  <i>RTC: Regional Training Course</i>	<i>Title of Event</i>	<i>Proposed Country (City, Country)</i>	<i>Date (Specific Day &amp; Month)</i>	<i>Objective and Participation</i>
<i>Q1/2021</i>					
RAS0086	MT	The 2nd Meeting Of The RCA 2024-2029 MTS Drafting Working Group	Virtual	8-10 Feb. 2021	<p><b><u>Objective:</u></b> To review and agree MTS Drafting WG Terms of Reference, to be put forward to the 43rd National Representatives Meeting for endorsement, review the 2018-2023 MTS as model for the 2024-2029 MTS, develop a draft structure for the 2024-2029 MTS, identify responsible officers for each section of the 2024-2029 MTS, and develop an MTS Drafting WG Work Plan, to be put forward to the 43rd National Representatives Meeting for endorsement</p> <p><b><u>Target participants:</u></b> Members of WG and invited experts</p> <p><b><u>Estimated number:</u></b> 12</p>

RAS6086	RTC	RTC on Multidisciplinary Approach to Palliative Radiotherapy in Cancer Management	Virtual	22-25 Mar. 2021	<p><b><u>Objective:</u></b> To provide the participants with knowledge, experience and skills in the application of palliative radiotherapy for cancer management.</p> <p><b><u>Target participants:</u></b> Qualified radiation oncologists with at least 3 years of work experience in radiotherapy department</p> <p><b><u>Estimated number:</u></b> 37</p>
<i><b>Q2/2021</b></i>					
RAS0086	MT	Meeting of RCARO Steering Advisory Committee (SAC)	Virtual	27 Apr. 2021	<p><b><u>Objective:</u></b> To review RCARO's activities and recommendations and make a report to the 43rd RCA NRM for consideration and endorsement.</p> <p><b><u>Target participants:</u></b> SAC Members</p> <p><b><u>Estimated number:</u></b> 12</p>
RAS0086	MT	Meeting of the Committee of the RCA Chairs	Virtual	27 Apr. 2021	<p><b><u>Objective:</u></b> To review the Provisional Agenda of the 43rd RCA NRM and provide advice to the RCA Chair (Thailand) to ensure the 43rd RCA GCM will be conducted smoothly and successfully.</p> <p><b><u>Target participants:</u></b> NR of Thailand, Malaysia, Viet Nam, RCA FP, SH-TCAP1, DIR-TCAP.</p> <p><b><u>Estimated number:</u></b> 12</p>
RAS0086	MT	The 43rd Meeting of National RCA Representatives	Virtual	28-29 Apr. 2021	<p><b><u>Objective:</u></b> To discuss policy and management issues related to the RCA, as well as the operational matters on RCA programme planning and implementation.</p> <p><b><u>Target participants:</u></b> RCA NRs and senior managers</p> <p><b><u>Estimated number:</u></b> 80</p>

RAS5088	MT	First Project Coordination Meeting	Virtual	21-25 Jun. 2021	<p><b><u>Objective:</u></b> To review the national capacity and plan of RCA GPs in mutation induction with speed breeding methods, set up the project baseline from which the project success can be measured, discuss and agree on workplan for 2021-2022.</p> <p><b><u>Target participants:</u></b> NPC and A/NPC</p> <p><b><u>Estimated number:</u></b> 36</p>
RAS6097	RTC	RTC on Set-up of Cyclotron Facility for Radiopharmaceutical Production	Virtual	28 Jun.-02 Jul. 2021	<p><b><u>Objective:</u></b> To share the participants with experience of planning, design, and setting-up cyclotron facility in their countries.</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS6097</p> <p><b><u>Estimated number:</u></b> 50</p>
<b><i>Q3/2021</i></b>					
RAS0086	MT	The 9th Meeting of the WG on RCA 2018-2023 MTS Coordination	Virtual	21-23 July 2021	<p><b><u>Objective:</u></b> To review, evaluate progress of, and update the WG MTSC workplan for 2021, and to review and update, if necessary, the Performance Indicators for the Final MTS Review.</p> <p><b><u>Target participants:</u></b> Members of the WG and invited experts</p> <p><b><u>Estimated number:</u></b> 12</p>
RAS1022	MT	Regional Workshop on NDT in Civil Engineering Structures During Maintenance and Post Disaster	Virtual	26-29 Jul. 2021	<p><b><u>Objective:</u></b> To support the establishment of working group on NDT in civil engineering leading to the establishment of national training programme in their home countries.</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS1022.</p> <p><b><u>Estimated number:</u></b> 35</p>

RAS7037	RTC	Regional Training Course on Design and Implementation of Wetland Isotope Programmes	Virtual	28-29 Jul. 2021	<p><b><u>Objective:</u></b> To provide training in experimental design, field sampling and sample preparation for determining wetland process using stable isotope technique.</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS7037</p> <p><b><u>Estimated number:</u></b> 28</p>
RAS5081	RTC	RTC on Fundamentals in Stable Isotope Systematics and Analysis (SISA)	Virtual	19-30 Jul. 2021	<p><b><u>Objective:</u></b> To provide fundamental knowledge in stable isotope systematics that are foundational to understanding and applying SIA to detect food fraud.</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS5081</p> <p><b><u>Estimated number:</u></b> 26</p>
RAS6086	RTC	RTC on Risk Management, Radiation Safety and Quality Assurance in Radiotherapy	Virtual	16-18 Aug. 2021	<p><b><u>Objective:</u></b> To discuss and focus on radiation protection and safety in medical uses of ionizing radiation.</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS76086</p> <p><b><u>Estimated number:</u></b> 53</p>
RAS7035	RTC	Basic Training Course on Basics on Isotope Hydrology and Applications of Isotope Techniques in Investigation of the Hydrological Cycle	Virtual	23-27 Aug. 2021	<p><b><u>Objective:</u></b> To provide basic and systematic knowledge about isotope hydrology and applications of isotope techniques in investigation of the hydrological cycle, especially surface water and groundwater, and interactions between them</p> <p><b><u>Target participants:</u></b> Junior members of national project team of RAS7035</p> <p><b><u>Estimated number:</u></b> 32</p>

RAS0086	MT	The 3rd meeting of Special Task Force (STF) for the 50th Anniversary of the RCA foundation		25 Aug. 2021	<p><b><u>Objective:</u></b> To review and update the detailed workplan for the celebration of the 50th Anniversary of the RCA foundation</p> <p><b><u>Target participants:</u></b> Members of STF and invited experts</p> <p><b><u>Estimated number:</u></b> 12</p>
RAS5087	RTC	RTC on Electron Beam/X-Ray Technology and the Future of Food Irradiation in the RCA Region	Virtual	30 Aug. to 01 Sep. 2021	<p><b><u>Objective:</u></b> To provide the participants with information on recent advances in machine-based sources of radiation (electron beam and X-ray) for application to food irradiation</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS5087</p> <p><b><u>Estimated number:</u></b> 36</p>
RAS0086	MT	The 3rd Meeting of RCA 2024-2029 MTS Drafting Working Group		6-8 Sep. 2021	<p><b><u>Objective:</u></b> To discuss and agree on a draft structure of RCA 2024-2029 MTS to be put forward to the 50<sup>th</sup> RCA GCM for consideration and endorsement, to identify officers responsible for each section of the MTS, and to update the workplan of the WG</p> <p><b><u>Target participants:</u></b> Members of WG and invited experts</p> <p><b><u>Estimated number:</u></b> 12</p>
RAS9092	MT	Webinar on An Introduction to the IAEA Safety Standards and Protection Strategies	Virtual	09 Sep. 2021	<p><b><u>Objective:</u></b> to provide introductory e-learning on EPR for the participants, enhance the understanding on the IAEA safety standards, provide information on how national standards are developed, established and utilized in the field, and provide best practice to share with the participants on the well-executed EPR exercise drills.</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS9092</p> <p><b><u>Estimated number:</u></b> 36</p>

RAS1022	RTC	RTC on the Computed Tomography (CT) in Association with 3D Image Analysis for Industrial Components.	Virtual	6-10 Sep. 2021	<p><b><u>Objective:</u></b> To train and educate participants in computed tomography in associated with 3D imaging analysis</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS1022</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS6096	MT	Second Annual Project Coordination Meeting	Virtual	14-15 Sep. 2021	<p><b><u>Objective:</u></b> To review the progress of the project RAS6096, to discuss and agree on national and regional workplans for 2022.</p> <p><b><u>Target participants:</u></b> NPCs or A/NPCs</p> <p><b><u>Estimated number:</u></b> 36</p>
RAS0086	MT	RCA Chair Meeting	Virtual	15 Sep. 2021	<p><b><u>Objective:</u></b> To review the progress of the project RAS6096, to discuss and agree on national and regional workplans for 2022.</p> <p><b><u>Target participants:</u></b> RCA Chairs and invited experts</p> <p><b><u>Estimated number:</u></b> 12</p>
RAS0086	MT	RCA SAC Meeting	Virtual	15 Sep. 2021	<p><b><u>Objective:</u></b> To prepare for 50th RCA General Conference Meeting.</p> <p><b><u>Target participants:</u></b> RCA Chairs, RCARO and SAC Members.</p> <p><b><u>Estimated number:</u></b> 15</p>
RAS0086	MT	50th RCA General Conference Meeting	Virtual	16-17 Sep. 2021	<p><b><u>Objective:</u></b> To discuss the policy and management issues related to the RCA, as well as operational and procedural matters on RCA programme planning and implementation.</p> <p><b><u>Target participants:</u></b> RCA NRs, Officials from RCA GPs, and relevant IAEA staff.</p> <p><b><u>Estimated number:</u></b> 100</p>

*Q4/2021*

RAS7031	MT	Workshop on data interpretation in combination with project progress review meeting	Virtual	26-28 Oct. 2021	<p><b><u>Objective:</u></b> To provide training about analytical data interpretation, and to review project implementation progress, discuss and agree on measures and actions that need to be taken to ensure the project will achieve the set objective</p> <p><b><u>Target participants:</u></b> NPCs and members of national project teams</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS7028	RTC	RTC on tritium in the marine environment	Virtual	25-28 Oct. 2021	<p><b><u>Objective:</u></b> To provide training on the behaviour of tritium in the principal compartments of marine ecosystems, its origins, transfer processes, radiological effects, and relevant analysis techniques.</p> <p><b><u>Target participants:</u></b> Members of national project teams.</p> <p><b><u>Estimated number:</u></b> 30</p>
RAS7035	RTC	Regional Advanced Training Course on the use of isotope techniques for the investigation of groundwater pollution	Virtual	8-12 Nov. 2021	<p><b><u>Objective:</u></b> To provide participants with advanced knowledge and experiences in the use of isotope and related techniques to assess groundwater resources and address hydrogeological problems in relation to groundwater pollution.</p> <p><b><u>Target participants:</u></b> experienced members of national project team of RAS7035</p> <p><b><u>Estimated number:</u></b> 30</p>
RAS7037	RTC	RTC on application of isotopic techniques	Virtual	17-19 Nov. 2021 (Tentative)	<p><b><u>Objective:</u></b> To provide on-hands training in sampling a range of biota, and measurement of their stable isotopes (<sup>13</sup>C and <sup>15</sup>N) using EA-IRMS. Training in the application of source mixing models</p>

					<p><b><u>Target participants:</u></b> Members of national project team of RAS7037</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS5084	MT	Final Project Review Meeting	Virtual	23-25 Nov. 2021	<p><b><u>Objective:</u></b> To review the project and provide final and updated information on the methodologies suitable for selection of desired green traits in crops in a mutation breeding programme</p> <p><b><u>Target participants:</u></b> NPCs or A/NPCs or senior members of national project team</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS5088	RTC	RTC on digital breeding management systems	Virtual	Late Nov. 2021 (TBD)	<p><b><u>Objective:</u></b> To provide training on the use of digital breeding management, with specific focus on the Gates Foundation's Breeding Management System, and on statistical precision in experimental planning and data analyses</p> <p><b><u>Target participants:</u></b> Members of national project team of RAS5088</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS5081	MT	Final Project Review Meeting	Virtual	30 Nov.- 2 Dec. 2021	<p><b><u>Objective:</u></b> To review the project and provide final and updated information on the methodologies suitable for selection of desired green traits in crops in a mutation breeding programme</p> <p><b><u>Target participants:</u></b> NPCs or A/NPCs or senior members of national project team</p> <p><b><u>Estimated number:</u></b> 25</p>



RAS6087	MT	Final Project Review Meeting	Virtual	6-8 Dec. 2021	<p><b><u>Objective:</u></b> To review the project and provide final and updated information on the methodologies suitable for selection of desired green traits in crops in a mutation breeding programme</p> <p><b><u>Target participants:</u></b> NPCs or A/NPCs or senior members of national project team</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS5077	MT	Final Project Review Meeting	Virtual	7-9 Dec. 2021	<p><b><u>Objective:</u></b> To review the project and provide final and updated information on the methodologies suitable for selection of desired green traits in crops in a mutation breeding programme</p> <p><b><u>Target participants:</u></b> NPCs or A/NPCs or senior members of national project team</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS6086	MT	Final Project Review Meeting	Virtual	13-15 Dec. 2021	<p><b><u>Objective:</u></b> To review the project and provide final and updated information on the methodologies suitable for selection of desired green traits in crops in a mutation breeding programme</p> <p><b><u>Target participants:</u></b> NPCs or A/NPCs or senior members of national project team</p> <p><b><u>Estimated number:</u></b> 25</p>
RAS6097	RTC	RTC on Good Manufacturing Practice (GMP) & Radiation Safety Aspects of Radiopharmaceutical	Virtual	Mid Dec. 2021 (TBD)	<p><b><u>Objective:</u></b> To provide the participants an overview and various aspects of GMP in the production of radiopharmaceuticals (precursors, irradiation, production, QC, QA, batch release, follow up, etc.) as well as radiation safety consideration during all steps in a medical cyclotron project</p> <p><b><u>Target participants:</u></b> Junior members of national project team of RAS6097</p>

		Production in a Medical Cyclotron			<b><u>Estimated number:</u></b> 25
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*In summary:*

*Even though the situation in 2021 is still very difficult due to the Covid-19 pandemic, thanks to the great efforts and close cooperation of RCA NRs, LCCs, NPCs, TOs and PMOs, the implementation of RCA activities are progressing well, namely:*

- *More than 20 virtual events have been implemented.*
- *Ten more events are in the pipeline for implementation from now to the end of 2021;*
- *About 40 HBAs, some have been completed, some are being implemented, and some will be conducted in Q4/2021;*
- *Many requests for procurement have been under intensive review by LCCs, TOs and PMOs, and will be initiated in the IAEA in Oct. - Nov. 2021 for procurement.*

*In view of the efforts of LCCs, NPCs, TOs and PMOs, NRs are kindly requested to encourage them to continue working closely together to complete the planned activities in 2021, at the same time, to plan and prepare for activities to be implemented in the first half of 2022.*