



Any Other Business (2)

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How to make best use of e-learning

- ▶ COVID-19 pandemic highlighted the needs for the on-line training/e-learning materials
- ▶ The 43rd NRM endorsed the suggestions by the Secretariat that for new project designs for 2022-2023 TC Cycle, LCCs are requested to identify on-line training materials that need to be developed
- ▶ However, except those developed by the RCARO, those e-learning/online training materials are not accessible

Isn't it useful to develop an RCA e-learning Platform?



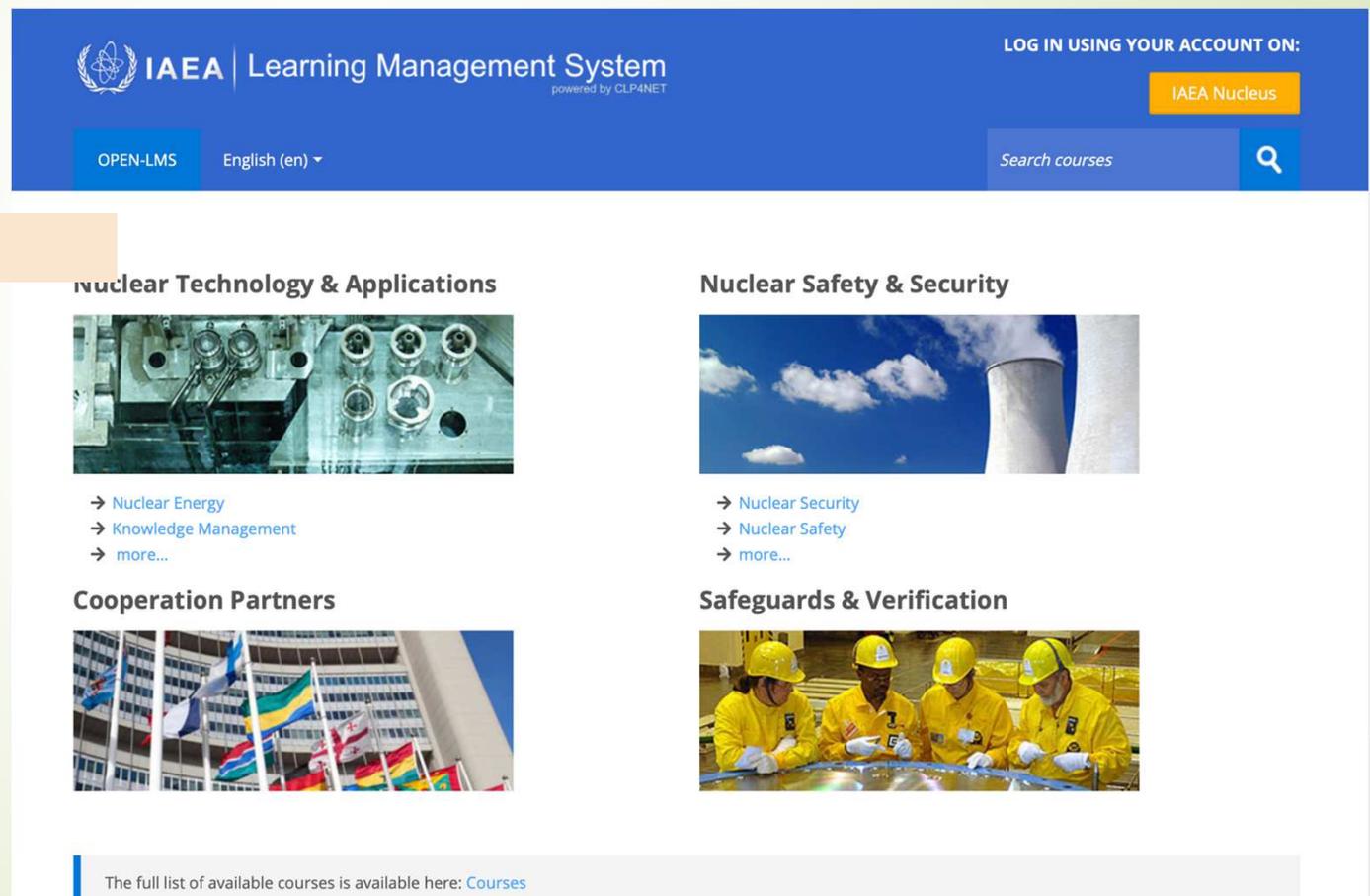
A platform for training materials

- Access for on-line (or paper based) training materials
- Open to all RCA GPs
- Probably, can develop a common rules for Intellectual Property Right and Copyright....
- Can work as a repository of training material used in RTCs
- Issue :
 - How to maintain the Site ?
 - Materials can be obsolete after some years -> Delete automatically after 10 years?
- But worth considering

Examples of e-learning platforms (1)

(IAEA : Learning Management System)

<https://elearning.iaea.org/m2/>



The screenshot shows the IAEA Learning Management System interface. At the top, there is a blue header with the IAEA logo and the text "IAEA | Learning Management System powered by CLP4NET". On the right side of the header, it says "LOG IN USING YOUR ACCOUNT ON:" followed by a button labeled "IAEA Nucleus". Below the header, there is a navigation bar with "OPEN-LMS" and a language dropdown menu set to "English (en)". A search bar with the text "Search courses" and a magnifying glass icon is also present.

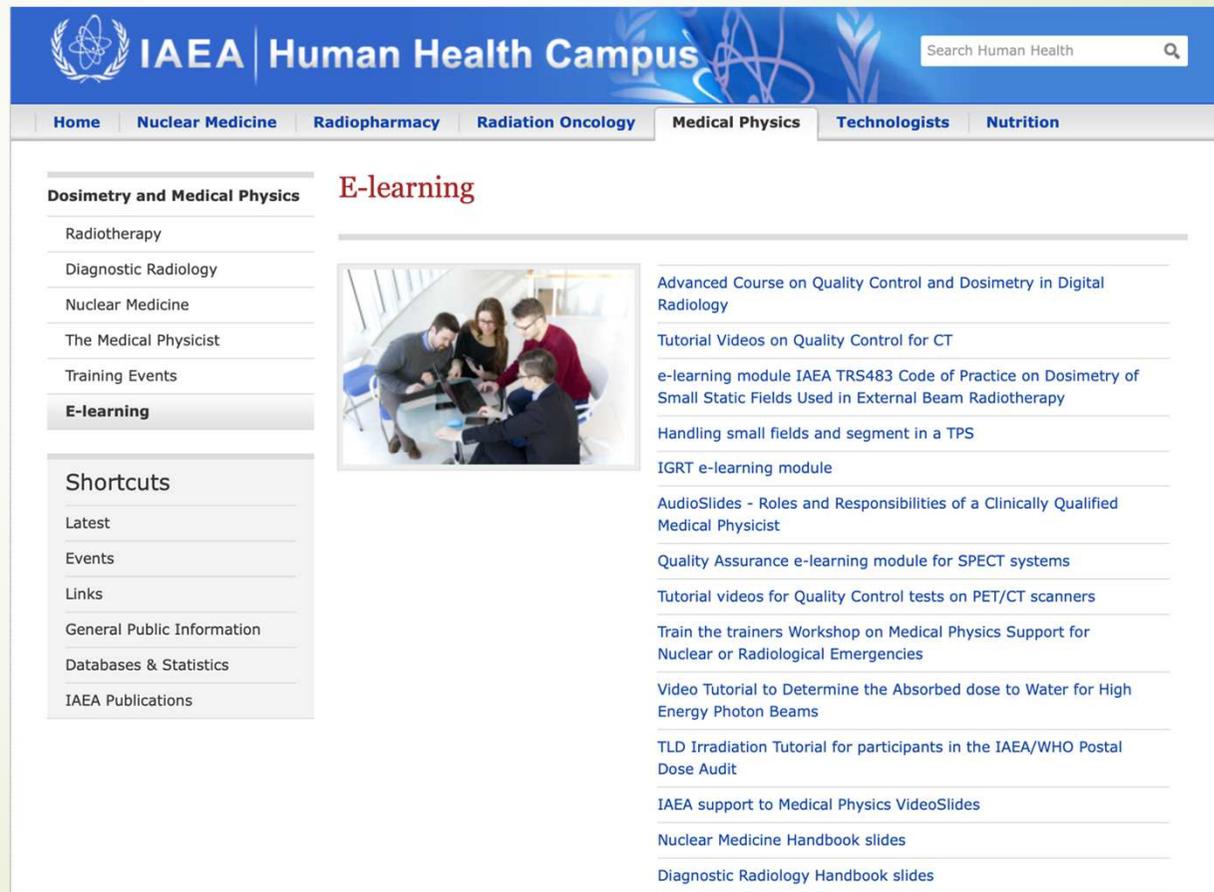
The main content area is divided into several sections:

- Nuclear Technology & Applications**: This section features a photograph of industrial machinery. Below the image are three links: "→ Nuclear Energy", "→ Knowledge Management", and "→ more...".
- Nuclear Safety & Security**: This section features a photograph of a cooling tower. Below the image are three links: "→ Nuclear Security", "→ Nuclear Safety", and "→ more...".
- Cooperation Partners**: This section features a photograph of a building with several flags flying in front of it.
- Safeguards & Verification**: This section features a photograph of four people wearing yellow protective suits and hard hats, looking at a large circular object on a table.

At the bottom of the page, there is a footer with the text: "The full list of available courses is available here: [Courses](#)".

Examples of e-learning Platforms (2) (IAEA Human Health Campus)

➤ <https://humanhealth.iaea.org/HHW/MedicalPhysics/e-learning/index.html>



The screenshot displays the IAEA Human Health Campus website. The header features the IAEA logo and the text "IAEA Human Health Campus" in a blue banner. A search bar is located in the top right corner. Below the header is a navigation menu with tabs for Home, Nuclear Medicine, Radiopharmacy, Radiation Oncology, Medical Physics, Technologists, and Nutrition. The main content area is titled "E-learning" and includes a list of resources. On the left side, there are sections for "Dosimetry and Medical Physics" (with links to Radiotherapy, Diagnostic Radiology, Nuclear Medicine, The Medical Physicist, and Training Events), "E-learning", and "Shortcuts" (with links to Latest, Events, Links, General Public Information, Databases & Statistics, and IAEA Publications). A central image shows a group of people in a meeting. The right side of the page lists various e-learning modules and resources, including an advanced course on digital radiology, tutorial videos for CT quality control, an e-learning module on dosimetry, handling small fields in TPS, IGRT e-learning, audio slides on medical physicist roles, SPECT quality assurance, PET/CT quality control, a workshop on medical physics support, a video tutorial on dose determination, a TLD irradiation tutorial, and handbook slides for nuclear medicine and diagnostic radiology.

IAEA Human Health Campus Search Human Health

Home Nuclear Medicine Radiopharmacy Radiation Oncology Medical Physics Technologists Nutrition

Dosimetry and Medical Physics

- Radiotherapy
- Diagnostic Radiology
- Nuclear Medicine
- The Medical Physicist
- Training Events

E-learning

Shortcuts

- Latest
- Events
- Links
- General Public Information
- Databases & Statistics
- IAEA Publications

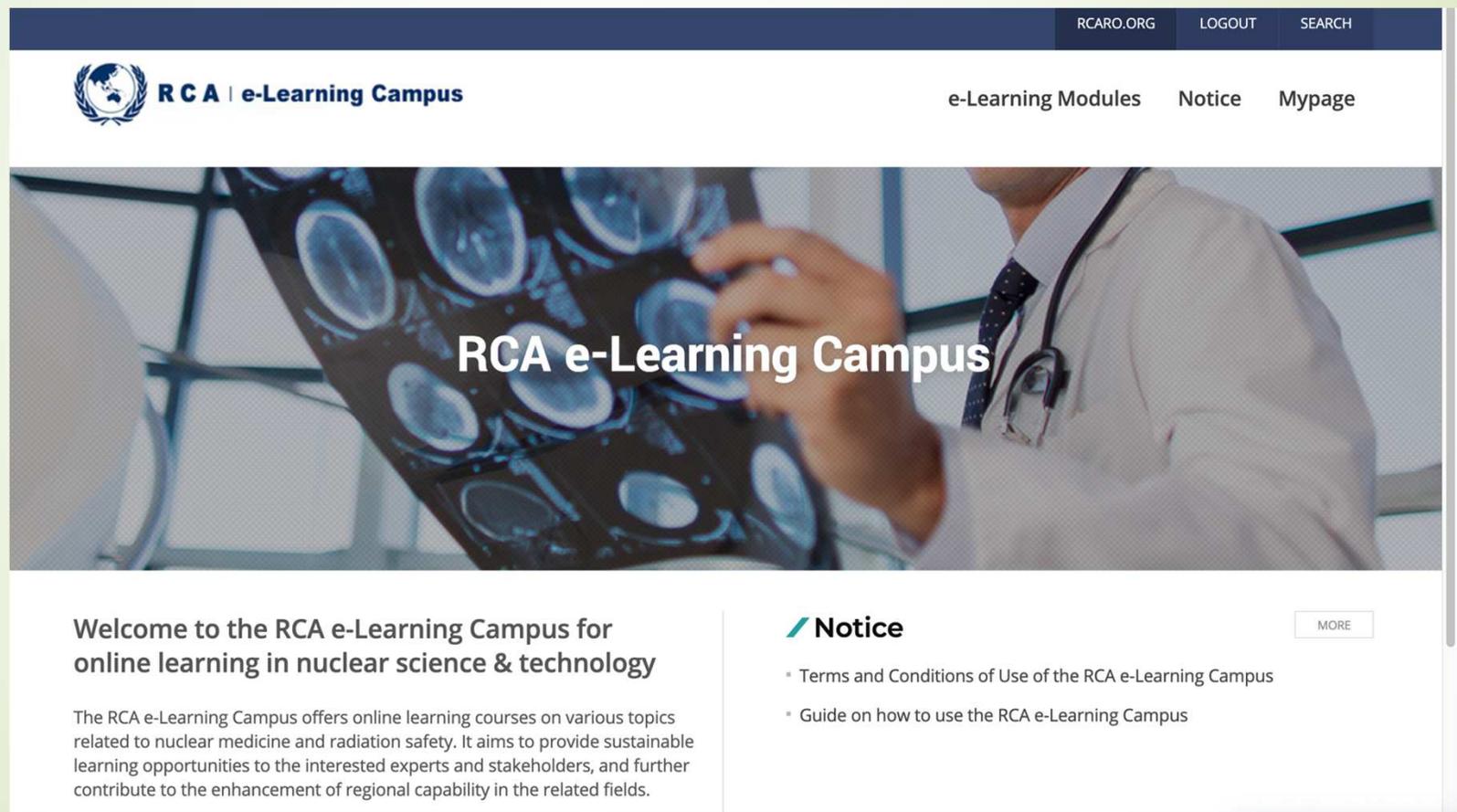
E-learning



- [Advanced Course on Quality Control and Dosimetry in Digital Radiology](#)
- [Tutorial Videos on Quality Control for CT](#)
- [e-learning module IAEA TRS483 Code of Practice on Dosimetry of Small Static Fields Used in External Beam Radiotherapy](#)
- [Handling small fields and segment in a TPS](#)
- [IGRT e-learning module](#)
- [AudioSlides - Roles and Responsibilities of a Clinically Qualified Medical Physicist](#)
- [Quality Assurance e-learning module for SPECT systems](#)
- [Tutorial videos for Quality Control tests on PET/CT scanners](#)
- [Train the trainers Workshop on Medical Physics Support for Nuclear or Radiological Emergencies](#)
- [Video Tutorial to Determine the Absorbed dose to Water for High Energy Photon Beams](#)
- [TLD Irradiation Tutorial for participants in the IAEA/WHO Postal Dose Audit](#)
- [IAEA support to Medical Physics VideoSlides](#)
- [Nuclear Medicine Handbook slides](#)
- [Diagnostic Radiology Handbook slides](#)

Examples of e-learning Platforms (3) (RCARO e-learning Campus)

➤ <http://rcaro.org/elearning/index.php?userid=12>



The screenshot displays the website for the RCA e-Learning Campus. At the top, there is a dark blue navigation bar with links for 'RCARO.ORG', 'LOGOUT', and 'SEARCH'. Below this is a white header area featuring the RCA logo (a globe) and the text 'RCA | e-Learning Campus'. To the right of the header are links for 'e-Learning Modules', 'Notice', and 'Mypage'. The main content area has a background image of a doctor in a white coat and stethoscope, looking at a large medical scan. Overlaid on this image is the text 'RCA e-Learning Campus'. Below the image, there is a 'Welcome' section with a heading and a paragraph of text. To the right of the welcome section is a 'Notice' section with a heading and a list of two items, followed by a 'MORE' button.

RCARO.ORG **LOGOUT** **SEARCH**

RCA | e-Learning Campus **e-Learning Modules** **Notice** **Mypage**

RCA e-Learning Campus

Welcome to the RCA e-Learning Campus for online learning in nuclear science & technology

The RCA e-Learning Campus offers online learning courses on various topics related to nuclear medicine and radiation safety. It aims to provide sustainable learning opportunities to the interested experts and stakeholders, and further contribute to the enhancement of regional capability in the related fields.

Notice **MORE**

- Terms and Conditions of Use of the RCA e-Learning Campus
- Guide on how to use the RCA e-Learning Campus



What can we do?

- ▶ Develop new site under IAEA website? (May suitable for IAEA/RCA projects output, but is it possible?)
- ▶ Extend RCARO e-learning Campus which is now used only for the outputs from RCARO project? (May cost additional for maintaining, also we may need to consider the how the Copyrights should be)
- **We need to start discussing it, since more and more e-learning materials will be coming soon!!**
- **What are the views of the WG?**

Non-traditional Partnership and Extrabudgetary Contributions

- DG Grossi calls for resource mobilization through non-traditional Partnerships
- RCA also encourages non-traditional partnerships
- In the past, funding from private sectors to the RCA meeting was prohibited.....
- We need clear set of rules in the GOR for extrabudgetary contributions from non-traditional Partners
- Also necessary for the transparency of the RCA activities, which is done under auspices of IAEA, which is an international organization. (<- Mandatory for securing government budget for the TCF and RCA!!)

Preliminary Ideas (1)

- Create Another Section/Subsection in Part 4 / Annex 9 of the GOR Extrabudgetary Contributions, **including reporting**
 1. Extrabudgetary Contributions to Cooperative Projects including non-traditional partners such as private sector
 - From a private sector : To the IAEA/RCA account (should be done for a specific IAEA/RCA project?)
 - Will it be possible to cooperate with a private sector when hosting an event, if the private sector give EBT through the project???
 - From a doner organization: follow the rule of doner organization or MOU? (How is the case with the ADB?)
 - Reporting necessary (Can include this in the Annual Report EBT)



Preliminary Ideas (2)

2. Extrabudgetary Contributions to other Cooperative Activities
 - ▶ In general, can we accept the fund in the IAEA/RCA account?
 - ▶ OCA organized by the RCARO get EBT from other organizations?
 - ▶ More detailed financial reporting including the amount of EBTs benefit the GPs as well as the RCA (for transparency of resource mobilization etc.)
3. Extrabudgetary Contributions to RCARO activities
 - ▶ There are already some projects. EBT ???
 - ▶ Can we include the EBT in the report for transparency?



A Possible Way Forward

- ▶ If the WG can agree to the preliminary idea, we can draft inputs to the GOR, and discuss them in more details in the next WG meeting