



Faculty of Science and Technology,  
The University of the West Indies (Mona),  
Ministry of Health and Wellness, and  
The University Hospital of the West Indies  
*in collaboration with*  
The International Atomic Energy Agency



*present*

# A NATIONAL WORKSHOP ON Radiation Safety and Protection of Radiographers in Interventional Radiology

**OCTOBER 25-29, 2021**  
**MONA, KINGSTON, JAMAICA**

## LOCAL ORGANIZERS

- ≡ S. Palmer, MoHW
- ≡ A. Mcken, MoHW
- ≡ M. Voutchkov, The UWI Mona
- ≡ P. Glegg, UWHI
- ≡ T. Collins-Fray, The UWI Mona

## PRESENTERS

- ≡ S. Palmer, MoHW, Jamaica
- ≡ B. Brevitt, SERHA, Jamaica
- ≡ M. Voutchkov, The UWI Mona, Jamaica
- ≡ D. Walker, UWHI, Jamaica
- ≡ P. Glegg, The UWI Mona, Jamaica
- ≡ M. Russell, HSRA, Jamaica
- ≡ R. Cushnie, ICENS, Jamaica
- ≡ R. Lykawka, HCPA, Brasil
- ≡ L. Vasconcellos, IRD, Brasil
- ≡ J. Filho, HCPA, Brasil
- ≡ A. Krepsky, HCPA, Brasil

## WORKSHOP DETAILS

### DELIVERY

Lectures and demonstration sessions delivered online via **ZOOM**.

- MODULE 1** Basic Nuclear Physics and Radiation Protection Concepts  
**OCTOBER 25 - 26** • **9:00 AM – 12:00 PM**
- MODULE 2** Radiation Protection in Interventional Radiology  
**OCTOBER 27 - 29** • **9:00 AM – 12:00 PM**

### TOPICS

- ✓ Radiation biology and interaction with matter
- ✓ Radiation protection quantities and units
- ✓ Personal dosimetry and monitoring of radiation exposure
- ✓ Ethical and Legal Aspects of Medical Exposure
- ✓ National Regulatory Infrastructures for the Control of Radiation Sources
- ✓ Practical case studies in C-arm and angiography
- ✓ 10 actions to occupational exposure control in fluoroscopy
- ✓ 10 steps to dose optimization of fluoroscopy staff

### CREDITS

Each module will include quizzes; upon successful submission of answers, **participants will be awarded CME credits**.

**REGISTER @** <https://bit.ly/3IGT9N1> **DEADLINE: OCTOBER 22, 2021**