

# diploma

**Uroš Čotar**

rojen 13. 9. 1973

v kraju Šempeter pri Novi Gorici

je diplomiral na študijskem programu za pridobitev univerzitetne izobrazbe

**FIZIKA, TEHNIŠKA SMER**

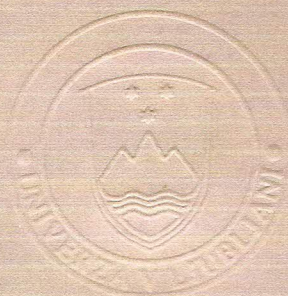
Fakulteta za matematiko in fiziko mu zato priznava univerzitetno izobrazbo  
ter podeljuje strokovni naslov

**UNIVERZITETNI DIPLOMIRANI FIZIK**

št. 771

Ljubljana, 19. 5. 2000

AN  
ULTETE ZA MATEMATIKO IN FIZIKO  
PROF. DR. JERNEJ KOZAK



REKTOR  
UNIVERZE V LJUBLJANI  
RED. PROF. DR. JOŽE MENCINGER

J. Kozak



This is to certify that

**UROS COTAR**

participated in and completed the

**REGIONAL POST-GRADUATE EDUCATIONAL COURSE IN  
RADIATION PROTECTION AND  
THE SAFETY OF RADIATION SOURCES**

held in

Athens, Greece

from 24 February to 27 June 2003

The Post Graduate Educational Course organized by the International Atomic Energy Agency (IAEA) in co-operation with the Government of Greece through Greek Atomic Energy Commission in collaboration with the University of Athens, the University of Ioannina, the Demokritos Research Center and the National Technical University of Athens within the framework of the IAEA Technical Co-operation Model Project RER/9/062.

The programme of course was based on the IAEA Standard Syllabus and consisted of the following main subjects:

- Review of Fundamentals
- Quantities and Measurements
- Biological Effects of Ionizing Radiation
- Principles of Radiation Protection and the International Framework
- Regulatory Control
- Assessment of External and Internal Exposures
- Protection Against Occupational Exposure
- Medical Exposures in Diagnostic Radiology, Radiotherapy and Nuclear Medicine
- Exposure of the Public due to Practices
- Intervention in Situations of Chronic and Emergency Exposures
- Training the Trainers
- Practical Exercises Relevant to the Above Subjects

Byung-Koo Kim  
Director  
Division for Europe, Latin America  
and West Asia  
Department of Technical Co-operation  
IAEA

Leonidas Camarinopoulos  
Course Director  
President  
Greek Atomic Energy Commission

*IAEA Postgraduate Educational Course in  
"Radiation Protection and the Safety of Radiation Sources"  
organized by the Greek Atomic Energy Commission  
and held in Athens from 24<sup>th</sup> February-27<sup>th</sup> June 2003*

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**OFFICIAL TRANSCRIPT**  
According to the IAEA's SYLLABUS

First Name: Uros

Last Name: COTAR

**GRADES (%)**

<b>Part</b>		<b>examination</b>
I	Review of Fundamentals	84%
II	Quantities and Measurements	96%
III	Biological Effects of Ionizing Radiation	79%
IV	Principles of Radiation Protection and the International Framework	100%
V	Regulatory Control	66%
VI	Assessment of External and Internal Exposures	91%
VII	Protection Against Occupational Exposures	87%
VIII	Medical Exposures in Diagnostic Radiology, Radiotherapy and Nuclear Medicine	78%
IX	Exposures to the Public due to Practices	83%
X	Intervention in Situations of Chronic and Emergency Exposure	77%

The President of the GAEC

Professor L. Camarinopoulos



# Certificate

We hereby certify that

**Uros Cotar**

has participated from 13-15 September 2006 in the

**8<sup>th</sup> Training Course on Radioactivity, Radionuclides and Radiation  
- A Nuclear Science Training Course with Nuclides.net**

The course covered the following topics:

- Background on Radioactivity
- New Edition Karlsruhe Nuclide Chart
- Nuclear Data Overview
- Decay / Fission Yield Calculations
- Interaction of Radiation with Matter
- Dosimetry & Shielding Calculations
- RANGE & Stopping Power Calculations
- Nuclear Forensics & Illicit Trafficking
- Age of Nuclear Materials Calculations
- Oklo Nuclear Geysers
- Nuclear Science with Lasers Overview
- Non-Proliferation & Nuclear Safeguards
- Environmental Radioactivity
- Neutron Activation Studies
- $\alpha$ -Immunotherapy Overview
- Nuclear Education & Training

Ljubljana, 15th September 2006

Dr. Igor Jencic



"Jožef Stefan" Institute

Dr. Joseph Magill





This is to certify that

***Uros Cotar***

has completed and contributed to the

IAEA-Argonne

***IAEA Fellowship Training on Accidents in Radiotherapy and the Role of Audit  
with an Emphasis on Peer Review (Internal Auditing) in Medical Physics***

**23-27 March 2015**

**Argonne, Illinois, U.S.A.**

**A Cooperative Program of the International Atomic Energy Agency  
and the Government of the United States of America**

A handwritten signature in blue ink, appearing to read "J. Roglans-Ribas".

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Jordi Roglans-Ribas, Division Director  
Nuclear Engineering Division  
Argonne National Laboratory

This is to certify that

**Mr Uroš Čotar**

participated in and completed the

**TRAIN THE TRAINERS WORKSHOP ON MEDICAL PHYSICS SUPPORT  
FOR NUCLEAR OR RADIOLOGICAL EMERGENCIES**

**EX-TR-50270**

held in Fukushima, Japan  
22 - 26 June 2015

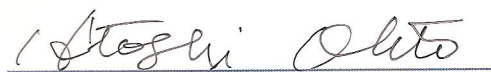
The workshop has been organized by the International Atomic Energy Agency (IAEA), in cooperation with The Government of Japan through Fukushima Medical University (FMU) & the National Institute of Radiological Sciences (NIRS), and endorsed by the Japan Society of Medical Physics (JSMP).

The program of the Workshop consisted of:

- Nuclear and Radiological Emergencies
- Radiation Measurements and Instrumentation
- Dose Assessment and Dose Reconstruction
- Monitoring and Decontamination of People – Scene and RMU
- Monitoring and Decontamination of People – Hospital
- Large Area Surveys – Monitoring of Food and Water
- Biological Effects of Radiation – Cell and Tissue Effects
- Biological Effects of Radiation – Stochastic Effects
- Protection Strategies for the Public
- Protection Strategies for Workers
- Medical Management
- Psychosocial Effects and Impacts on Mental Health
- Effective Risk Communication



Ms May Abdel Wahab  
Director  
Division of Human Health  
Department of Nuclear Sciences and Applications  
International Atomic Energy Agency



Mr Hitoshi Ohto  
Vice President  
Fukushima Medical University

**3<sup>rd</sup>** [www.erpw2018.com](http://www.erpw2018.com)  
Rovinj-Rovigno, Croatia  
1-5 OCTOBER 2018  
**ERPW**

3<sup>rd</sup> EUROPEAN RADIOLOGICAL  
PROTECTION RESEARCH WEEK



# CERTIFICATE OF ATTENDANCE

**3<sup>rd</sup> EUROPEAN RADIOLOGICAL PROTECTION  
RESEARCH WEEK 2018**

1 - 5 October 2018 in Rovinj, Croatia

## Uroš Čotar

President -Chair of the Organizing Committee  
ERPW 2018

Ivica PRLIC, PhD

**3<sup>rd</sup>** [www.erpw2018.com](http://www.erpw2018.com)  
Rovinj-Rovigno, Croatia  
1-5 OCTOBER 2018

**ERPW**

3<sup>rd</sup> EUROPEAN RADIOLOGICAL  
PROTECTION RESEARCH WEEK



# CERTIFICATE OF CONTRIBUTION

3<sup>rd</sup> EUROPEAN RADIOLOGICAL PROTECTION  
RESEARCH WEEK 2018

1 - 5 October 2018 in Rovinj, Croatia

## Uroš Čotar

President -Chair of the Organizing Committee  
ERPW 2018

Ivica PRLIC, PhD



***Uros Cotar***

participated in and completed the


**Train-the-Trainers Regional Training Course for  
Radiation Protection Officers**

held in  
**Tallinn, Estonia**  
from 14 to 18 October 2019

The training course was organized by the International Atomic Energy Agency (IAEA) in cooperation with the Government of Estonia through the Estonian Ministry of Environment, within the framework of the IAEA technical cooperation project RER9142 “Establishing Sustainable Education and Training Infrastructures for Building Competence in Radiation Safety”

The training course consisted of lectures, discussions of case studies and interactive activities to provide participants with knowledge and skills to act as trainer of radiation protection officers of medical and industrial facilities in their countries. It covered the following main topics:

- The role and functions of the radiation protection officer;
- Training needs of the radiation protection officer;
- Training materials of the IAEA;
- Communication skills and how adults learn on radiation protection; and
- Design of courses and lesson planning.

  
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Ana Claudia Raffo Caiado  
Director  
Division for Europe  
Department of Technical Cooperation  
International Atomic Energy Agency

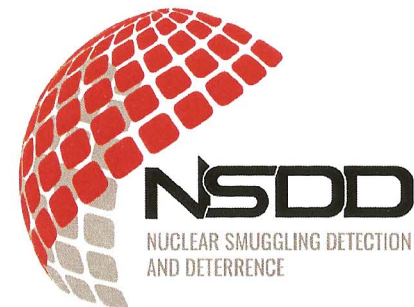
  
\_\_\_\_\_  
Reelika Runnel  
Course Director  
Estonian Ministry of Environment



Global  
Material  
Security



**NNSA**  
National Nuclear Security Administration



# Certificate of Attendance

*This is to certify that*

**Uroš Čostar**

*attended the*

**NSDD Analytical Plan Development Workshop**

*held in*

**Ljubljana, Slovenia**

**January 30 – February 3, 2023**

*Conducted by*

Department of Energy | National Nuclear Security Administration | Nuclear Smuggling Detection and Deterrence

**NSDD Representative**  
National Nuclear Security Administration  
Office of Global Material Security



**IAEA**  
International Atomic Energy Agency  
*Atoms for Peace and Development*

This is to certify that

**Uros Cotar**

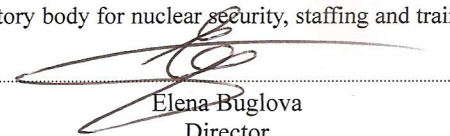
participated in and completed the  
**INTERNATIONAL TRAINING COURSE ON  
REGULATORY FUNCTIONS FOR THE  
SECURITY OF NUCLEAR MATERIAL, NUCLEAR  
FACILITIES AND ASSOCIATED ACTIVITIES**

held at  
**the Nuclear Security Training and Demonstration Centre (NSTDC)  
in Seibersdorf, Austria  
from 29 January to -02 February 2024**

The event was organized by the International Atomic Energy Agency (IAEA).

The programme of the event consisted of presentations and practical sessions on the following topics:

- Overview of nuclear security, international legal framework for nuclear security, and IAEA activities in nuclear security
- Role of the regulatory body for nuclear security, core and support functions and management system of the regulatory body
- Threat, threat assessment, design basis threat, physical protection concepts and security technologies
- Regulatory framework and regulatory approaches, regulation development process and drafting principles
- Authorization process, licensee submittals, review and assessment during various lifetime stages of a nuclear facility
- Overview of inspection process, inspection methods and inspector's behaviour, inspections at specific facility lifetime stages, inspections of specific facility areas and security functions, and enforcement actions
- Introduction to computer security basic concepts, overview of computer security programme, computer security regulatory framework, and overview of computer security of nuclear supply chain
- Sustainability of regulatory functions, knowledge management, and organization of the regulatory body for nuclear security, staffing and training of staff

  
Elena Buglova  
Director

Division of Nuclear Security  
Department of Nuclear Safety and Security  
International Atomic Energy Agency



**IAEA**  
International Atomic Energy Agency  
*Atoms for Peace and Development*

This is to certify that

**Uros Cotar**

participated in and completed the

**REGIONAL TRAINING COURSE ON  
PRACTICAL INTRODUCTION TO NUCLEAR FORENSICS**

held in

**Budapest, Hungary**

**From 30 September – 4 October 2024**

The event was organized by the International Atomic Energy Agency (IAEA) and hosted by the Government of Hungary through the HUN-REN Centre for Energy Research.

The event consisted of lectures and practical interactive sessions covering the following topics:

- Scope and application of nuclear forensics
- National nuclear forensic capabilities
- Gamma spectrometry in nuclear forensics
- Scanning electron microscopy in nuclear forensics
- Isotope ratio measurement techniques and mass spectrometry in nuclear forensics
- The role of traditional forensic examination in nuclear forensics
- Development of a nuclear forensic analytical plan
- Nuclear forensic examination via tabletop exercise

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Elena Buglova  
Director

Division of Nuclear Security  
Department of Nuclear Safety and Security  
International Atomic Energy Agency