



UROŠ ČOTAR

Work permit: Slovenian | **Date of birth:** 13/09/1973 |

Place of birth: Šempeter pri Gorici, Slovenia | **Nationality:** Slovenian | **Gender:** Male |

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ABOUT ME

Radiation Protection Officer with extensive experience in radiation safety management, regulatory compliance, and staff training. Skilled in radiation measurements, dose assessment, emergency preparedness, and licenses of radiation sources in clinical and laboratory environments. Over 20 years of combined expertise in radiation protection, optics, and laser system development.

WORK EXPERIENCE

 **INSTITUTE OF ONCOLOGY LJUBLJANA** – LJUBLJANA, SLOVENIA

Website <https://www.onko-i.si/en/>

RADIATION PROTECTION OFFICER – 2008 – CURRENT

- **Radiation protection officer, Head of radiation protection**
- **Ensuring radiation safety** across the entire institute.
- Conducting **staff training** sessions and workshops on radiation protection, giving lectures on radiation protection at the IAEA (Vienna)
- Performing **ionising radiation measurements** and calibration of measuring devices.
- **Dose rate measurements, Gamma spectrometry, alpha, beta, gamma contamination measurements**
- **Dose calculations, dose assessment, and dose analysis**
- **Emergency preparedness and response**, decontamination, and remediation
- **Obtaining licenses** for radiation sources (nuclear medicine, brachyradiotherapy, X-ray, LINACs).
- Deep understanding of regulatory requirements in a clinical and laboratory setting.

 **AGENCY FOR RADIOACTIVE WASTE - [HTTPS://ARAO.SI/EN/](https://arao.si/en/)** – LJUBLJANA, SLOVENIA

Website <https://arao.si/en/>

RADIATION PROTECTION TECHNICIAN – 2002 – 2008

- Conducted **radiation measurements** (alpha, beta, gamma, neutrons, and Radon)
- **Gamma spectrometry**
- Tested measuring equipment.
- Performed **safe handling, transport, and storage** of radioactive waste.
- Developed **radiation safety protocols**
- **Decontamination, dose assessment**
- **Emergency preparedness and emergency response**

 **OPTOTEK D.O.O., LJUBLJANA** – LJUBLJANA, SLOVENIA

Link <https://www.optotek-medical.com/introduction/>

R&D ENGINEER (OPTICS) – 2000 – 2002

- Developed **frequency-doubled (green) Nd:YAG laser systems** for treatment of glaucoma (SLT). <https://www.optotek-medical.com/product/optosl-m/>
- Developed **Nd:YAG laser systems** for cataract treatment. <https://www.optotek-medical.com/product/optoyag-m/>
- Performed QC of optics and mirrors of articulated arms using interferometry ($\lambda/4$ criteria). <https://www.optotek-medical.com/introduction/>

- Conducted incoming inspections of laser heads and performed fine adjustment (Fotona).
- Designed new optical filters for Q-las 10 laser systems (Schott).
- Tested articulated arms and improved overall system reliability.
- Contributed to the design of optics for the **Rodenstock Rodatest** vision testing device.

EDUCATION AND TRAINING

1992 – 2000 Ljubljana, Slovenia

DIPLOMA IN TECHNICAL PHYSICS, BACHELOR'S DEGREE University of Ljubljana – Faculty of Mathematics and Physics

Website <https://www.fmf.uni-lj.si/en/>

LANGUAGE SKILLS

Mother tongue(s): **SLOVENIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
GERMAN	A1	A1	A1	A1	A2
ITALIAN	C1	C1	B2	B2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Driving Licence: B

HOBBIES AND INTERESTS

My hobbies

Astronomy, Astrophotography, Photography, Mountaineering, Mountainbiking, Repairing computers

SKILLS

Technical Skills

- **Radiation protection & dosimetry in medical and industrial environments**
- **Familiarity with regulatory frameworks for medical devices**
- **Technical training, consulting & team collaboration**
- **Strong problem-solving mindset with a focus on system integration**
- **QC & precision measurements (ISO, $\lambda/4$ interferometry)**
- **Optical development (Nd:YAG, KTP, beam expanders, interferometry, filters)**