



2026.

DANI RADIOLOŠKE TEHNOLOGIJE

KONGRES S MEĐUNARODNIM
SUDJELOVANJEM

RADIATION TECHNOLOGY DAYS

CONGRESS WITH INTERNATIONAL
PARTICIPATION



U sklopu Kongresa održati će se:

2. SIMPOZIJ STUDENATA RADIOLOŠKE TEHNOLOGIJE

The Congress will include:

2ND RADIATION TECHNOLOGY STUDENTS' SYMPOSIUM

5–8. studenoga 2026.

5–8 November 2026



Organizator:



HRVATSKO DRUŠTVO
RADIOLOŠKE TEHNOLOGIJE

Tehnički organizator:



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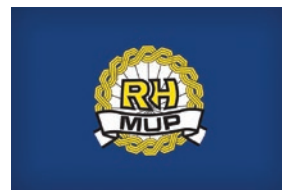


Pokrovitelji:



Ministarstvo
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Kongres **Dani radiološke tehnologije**
održat će se u suvremenom kongresnom
centru Hotela Pinija u Petrčanima, koji pruža
izvršne uvjete za rad i druženje sudionika.

PROGRAM

Četvrtak, 05. studeni 2026. / Thursday, 5th of November 2026

13:00 – 15:00 Registracija / Registration

Dani Radiološke tehnologije – pozvana predavanja / Invited lectures

moderatori / Chairs: Andrija Čop, Velimir Karadža

16:00 – 16:30 Otvaranje Kongresa / Congress Opening

16:30 – 16:50 Formal Education: Bachelor-level radiographer education and internship requirements across Europe, *Mark F. McEntee (IE)*

16:50 – 17:10 Radiologija kao temelj 3D printanja u personaliziranoj medicini / Radiology as the foundation of 3D printing in personalized medicine, *Merim Jusufbegovic (BA)*

17:10 – 17:30 130 godina od prvog rendgena na hrvatskom tlu / 130 years since the first X-ray on Croatian soil, *Vinko Bubić (HR), Helga Sertić Milić, Ivica Vučak, Krunoslav Marinčević, Frane Mihanović, Mihaela Justić, Željana Bašić, Ivan Jerković, Krešimir Dolić, Velimir Karadža, Vinko Vidjak*

17:30 – 17:50 Building Radiology Safety Culture: An overview of the framework for safety culture in radiology, *Vladimir Bahun (QA)*

17:50 – 18:05 Sponzorsko predavanje – Sponsored Presentation

18:30 Riječ dobrodošlice / Welcome reception

Petak, 06. studeni 2026. / Friday, 6th November 2026

Dani Radiološke tehnologije – 2. Simpozij studenata radiološke tehnologije / 2nd Radiation Technology Students Symposium

08:00 – 09:00 Registracija / Registration

I dio / Session 1

voditelji / Chairs: Tatjana Matijaš, Frane Mihanović, Ivan Skejić

09:30 – 09:45 Potencijalni rizici ionizirajućeg zračenja i optimizacija doze u pedijatrijskoj CT dijagnostici / Potential risks of ionizing radiation and dose optimization in paediatric CT diagnostics, *Ira Gabela, Tatjana Matijaš*

09:45 – 09:55 Važnost primjene umjetne inteligencije u dijagnostici multiple skleroze na MR-u / The importance of applying artificial intelligence in the diagnosis of multiple sclerosis on MRI, *Ana Jonjić, Frane Mihanović*

09:55 – 10:05 Od prvostupnika do doktora znanosti: razvoj obrazovanja radioloških tehnologa u RH / From bachelor's degree to doctor of science: the development of radiographer education in Croatia, *Petra Obradović, Lara Zeko, Tatjana Matijaš*

10:05 – 10:20 Vizija razvoja radiološke tehnologije očima studenata / Students vision of the future development of Radiologic technology, *Katarina Parilo, Ivana Rajčić, Nina Zečić*

10:30 – 11:00 Pauza za kavu / Coffee break

II dio / Session 2

voditelji / Chairs: Melita Kukuljan, Maja Karić, Damir Ciprić

11:00 – 11:10 Procjena težine SARS-CoV-2 pneumonije na torakalnim radiogramima modificiranim Brixia sustavom bodovanja / Assessment of the severity of SARS-CoV-2 pneumonia on thoracic radiographs using the modified Brixia scoring system, *Lucija Furjan, Klaudija Višković*

- 11:10 - 11:20 Primjena kompjutorizirane tomografije u detekciji i procjeni bolesti urotrakta / Application of computed tomography in the detection and assessment of urinary tract diseases, *Lorena Kovčić, Karla Špoljar, Maja Karić*
- 11:20 - 11:30 Usporedba prikaza pektoralnog mišića na MLO mamografskim projekcijama između radioloških tehnologa / Comparison of pectoral muscle representation on MLO mammographic projections between radiological technologists, *Ana Kaluđerović, Maja Karić, Doris Šegota Ritoša*
- 11:30 - 11:40 Optimizacija kvalitete CT pregleda toraksa: prepoznavanje tehničkih pogrešaka i pravilna primjena dodatnih akvizicija / Optimizing the quality of chest CT examinations: identifying technical errors and correctly applying additional acquisitions, *Valnea Šporer, Melita Kukuljan*
- 11:40 - 11:50 Optimizacija CT aortografija u pacijenata s aneurizmom abdominalne aorte / Optimization of CT aortography in patients with abdominal aortic aneurysm, *Ivana Grubišić, Lovro Tkalčić*
- 11:50 - 12:00 Pauza / Break
- 12:00 - 13:10 **III dio / Session 3**
voditelji / Chairs: *Klaudija Višković, Andrija Čop, Dražen Horvatinec*
- 12:00 - 12:15 Što o preporukama za (ne)korištenje kontaktnih zaštitnih sredstava za pacijente znaju i misle studenti treće godine studija radiološke tehnologije? / What do third-year radiological technology students know and think about the recommendations on the (non-)use of patient contact shielding?, *Ian Hriberski, Ivana Kralik*
- 12:15 - 12:25 Teleradiologija u Hrvatskoj / Teleradiology in Croatia, *Nika Čehulić, Željko Blažić, Đurđa Vincelj Szabo*
- 12:25 - 12:40 Zračenje protonima u onkološkoj skrbi djece / Proton radiation in paediatric oncology care, *Lana Majetić, Velimir Karadža*
- 12:40 - 12:50 Vizualna priprema pacijenata / Visual preparation of patients, *Klaudija Dražina, Antonija Serdarević, Ivan Božić, Damir Ciprić*
- 12:50 - 13:00 Development of a 3D-printed anatomically accurate cardiac phantom with coronary arteries, *Laura Jurša, Nejc Mekiš*

Okrugli stol / Roundtable

moderatori / Chairs: *Ana Tripalo Batoš, Velimir Karadža, Tatjana Matijaš*

- 13:00 - 14:00 Okrugli stol – Studiji radiološke tehnologije i kliničke vježbe/praksa / Roundtable – Radiological Technology Studies and Clinical Practice/Placement

14:00 - 15:00 Pauza za ručak / Lunch Break

Dani Radiološke tehnologije – plenarna predavanja / Radiation Technology Days – Plenary session

moderatori / Chairs: *Ivanka Herman, Nenad Vodopija*

- 15:00-15:15 Integrirani angio-CT sustavi u intervencijskoj radiologiji – od dijagnostike do liječenja / Integrated angio-CT systems in interventional radiology – from diagnostics to treatment, *Lucija Bratinčević, Bruna Goleš*
- 15:15-15:30 Koncept angiosoma u endovaskularnom liječenju periferne arterijske bolesti potkoljeničnih arterija / The angiosoma concept in endovascular treatment of peripheral arterial disease of the lower leg arteries, *Josipa Šaškor, Tonči Batinić*
- 15:30-15:45 MR sigurnost: jesmo li mislili na sve? / MRI Safety: Have We Thought of Everything?, *Krunoslav Marinčević, Mihaela Justić, Lovro Kavur*
- 15:45-16:00 Škola mamografskog pozicioniranja i interpretacije nalaza kao model unaprjeđenja kvalitete mamografske dijagnostike u Republici Hrvatskoj / School of mammographic positioning and interpretation of findings as a model for improving the quality of mammographic diagnostics in the Republic of Croatia, *Maja Karić, Doris Šegota Ritoša, Petra Valković Zujčić*

Radionica / Workshop

moderatori / Chairs: Efthimios Tim Agadakos, Velimir Karadža, Adnan Šehić

16:00 – 17:15 Radionica / Workshop: CT Quality and Safety

Subota, 7. studeni 2026. / Saturday, 7th of November

08:00 Registracija / Registration

Dani Radiološke tehnologije – plenarna predavanja / Radiation Technology Days – Plenary session**Predavanja I / Part 1**

moderatori / Chairs: Matija Hranić, Aleksandar Kostovski

- 10:00 – 10:15 Vidjeti nevidljivo: uloga kontrastom pojačane mamografije u suvremenoj dijagnostici dojke / Seeing the invisible: the role of contrast-enhanced mammography in modern breast diagnostics, *Simona Peremin, Jana Bebek, Gordana Ivanac*
- 10:15 – 10:30 Ishodi mehaničke trombektomije u izravno primljenih i transferiranih pacijenata u KBC Split tijekom 2025. godine / Outcomes of mechanical thrombectomy in directly admitted and transferred patients at University hospital centre Split during 2025, *Nera Tomić*
- 10:30 – 10:45 Procjena intrafrakcijskih pomaka tijekom površinski navođene stereotaksijske radioterapije tijela uz zadržavanje daha / Assessment of intrafraction shifts during surface-guided stereotactic body radiotherapy with breath hold, *Domagoj Brkić, Renata Delić Galović, Jelena Trajković, Hrvoje Kaučić*
- 10:45 – 10:55 Medicinski dijagnostički monitori u radiologiji: tehnički zahtjevi i kontrola kvalitete / Medical diagnostic monitors in radiology: technical requirements and quality control, *Branko Kovalisko, Matija Hranić*
- 10:55 – 11:05 Učiti na tuđim greškama: ROSEIS sustav kao alat za jačanje sigurnosti pacijenata u radioterapiji / Learning from others' mistakes: ROSEIS as a tool for strengthening patient safety in radiotherapy, *Aleksandar Kostovski*
- 11:05 – 11:30 Pauza za kavu / Coffee Break

Predavanja II / Part 2

moderatori / Chairs: Dubravko Bobinec, Josip Mamić

- 11:30 – 11:45 Kontaktna zaštitna sredstva za pacijente: praksa i stavovi radioloških tehnologa i radiologa / Patient contact shielding: practice and attitudes of radiologic technologists and radiologists, *Ivana Kralik, Dario Faj, Matija Hranić, Tomislav Jovanić, Velimir Karadža, Tajana Turk*
- 11:45 – 12:00 Usporedba pristupa određivanju aktivnosti ¹⁸F-FDG-a u onkološkom PET/CT-u / Comparison of approaches to determining ¹⁸F-FDG activity in oncological PET/CT, *Josip Grgat, Goran Miličević*
- 12:00 – 12:15 Optimizacija CT protokola neurokranija u SKB Mostar / Optimization of CT protocol of neurocrania at UCH Mostar, *Bruno Rajić, Marko Krpan*
- 12:15 – 12:30 Doze zračenja na različitim digitalnim sustavima u radiologiji / Radiation doses on different digital systems in radiology, *Goran Bajš, Dario Posedel, Frane Mihanović*
- 12:30 – 14:00 Pauza za ručak / Lunch Break

Predavanja III / Part 3

moderatori / Chairs: Branko Kovalisko, Tomislav Jovanić

- 14:00 – 14:10 MR DOJKE: kada kvaliteta počinje prije prve sekvence / Breast MRI: When quality begins before the first sequence, *Bernarda Malnar Cazin*
- 14:10 – 14:20 Vrijednost probirne mamografije u detekciji karcinoma dojke / The value of screening mammography in detecting breast cancer, *Ana Matić, Krešimir Dolić*

- 14:20 – 14:30 MR skrotuma i penisa – indikacije, izvođenje pretrage i prikaz slučaja / MRI of the scrotum and penis – indications, examination performance and case report, *Sara Bezak*
- 14:30 – 14:40 MR artrografija ramena / MR arthrography of the shoulder, *Monika Likić, Eugen Divjak*
- 14:40 – 14:50 Analiza učestalosti fraktura gornjih i donjih ekstremiteta kod pedijatrijskih hitnih prijema / Analysis of the frequency of upper and lower extremity fractures in paediatric emergency departments, *Ana Tibljaš, Maja Karić*
- 14:50 – 15:00 Brzina aplikacije kontrastnog sredstva kao jedan od čimbenika postkontrastnog obojenja / Contrast injection rate as a factor in post-contrast opacification, *Tomislav Jovanić*
- 15:00 – 15:10 Pauza / Break

Predavanja IV / Part 4

moderatori / Chairs: Vedran Manestar, Krunoslav Marinčević

- 15:10 – 15:20 Densitometrija kao tabu u dječjoj dobi – važnost pravodobne procjene koštanog zdravlja u pedijatrijskoj populaciji / Densitometry as a taboo in childhood – the importance of timely assessment of bone health in the paediatric population, *Ana Marija Medenjak, Kristina Puklin, Ana Tripalo Batoš*
- 15:20 – 15:30 Utjecaj kratke edukacije na razumijevanje medicinskog zračenja u privatnoj radiološkoj praksi / The impact of a short training course on the understanding of medical radiation in private radiology practice, *Rudolf Rogić, Toni Knežević, Maja Crnogorac, Mališa Vasić, Martin Drinković*
- 15:30 – 15:40 Stres pod kontrolom: perfuzijska magnetska rezonancija srca u kliničkoj praksi / Stress under control: cardiac perfusion Magnetic Resonance Imaging in clinical practice, *Morana Madžo, Tomislav Delić*
- 15:40 – 15:50 Uloga empatije radiološkog tehnologa u ublažavanju anksioznosti i klaustrofobije tijekom MR pregleda / The role of radiologic technologist empathy in alleviating anxiety and claustrophobia during MR examinations, *Nikolina Gracić, Tatjana Matijaš*
- 15:50 – 16:00 Uloga „traffic light“ sustava u prepoznavanju potrebe za resimulacijom tijekom radioterapije bolesnika s tumorima glave i vrata / The role of the „traffic light“ system in identifying the need for re-simulation during radiotherapy of patients with head and neck tumours, *Mirta Barbir, Marta Topić*
- 16:00 – 16:30 Pauza za kavu / Coffee Break
- 16:30 – 16:45 IV Contrast: International practice, education, and variation in contrast administration, *Mark F. McEntee*

Okrugli stol / Roundtable

moderatori / Chairs: Vladimir Bahun, Mark F. McEntee

- 16:45 – 18:00 Okrugli stol / Roundtable: Aplikacija kontrastnog sredstva – preporuke i klinička praksa / Contrast agents – administration, recommendations and clinical practice
- 18:00 Završna riječ drugog dana Kongresa / Final word of the Congress Second Day

Nedjelja, 8. studenog 2026. / Sunday, 8th of November

Predavanja V / Part 5

moderatori / Chairs: Ivan Božić, Jozo Prcela

- 10:00 – 10:10 MSCT koronarografija i CT srca u svakodnevnoj kliničkoj praksi / MSCT coronary angiography and cardiac CT in everyday clinical practice, *Ivo Kalčić, Damir Pranjić*
- 10:10 – 10:20 CT angiografija donjih ekstremiteta naprednom „double time bolus“ metodom snimanja / CT angiography of the lower extremities using the advanced „double time bolus“ imaging method, *Toni Lovnički*
- 10:20 – 10:30 vFFR metoda u procjeni stenoze koronarnih arterija / vFFR method in the assessment of coronary artery stenosis, *Dora Sladaković, Marijo Kujundžić-Lujan*

- 10:30 – 10:40 Implementacija ABUS metode u KBC-u Rijeka: Iskustva u kliničkoj praksi / Implementation of Automated Breast Ultrasound (ABUS) at Rijeka Clinical Hospital Center: Clinical Practice Experience, *Ema Komadina*
- 10:40 – 10:50 Uloga radiološkog tehnologa u CT dijagnostici akutnog ishemijskog moždanog udara i pripremi za neurointervencijske postupke / The role of the radiological technologist in CT diagnostics of acute ischemic stroke and preparation for neurointerventional procedures, *Lorena Fugošić, Ariana Vidmar, Lara Kragulj*
- 10:50 – 11:00 Krioablacija osteoid osteoma pod kontrolom CT-a / CT-guided cryoablation of osteoid osteoma, *Ivana Mrmić Bašić, Marta Serdarušić, Martina Gregurović*
- 11:00 – 11:3 Pauza za kavu / Coffee Break
- 11:30 – 11:45 Obilježavanje Svjetskog dana radiologije / Celebrating World Radiology Day

Okrugli stol / Roundtable

moderatori / Chairs: Tatjana Matijaš, Frane Mihanović

- 11:45 – 12:15 Okrugli stol / Roundtable: Suradnja, zajedništvo i udruživanje snaga – „Viribus Unitis“ u radiološkoj tehnologiji / Cooperation, togetherness and joining forces – „Viribus Unitis“ in radiological technology
- 12:15 Zatvaranje Kongresa / Closing Ceremony

Poster prezentacije / Poster presentations

1. Suvremeni pristup TBI terapiji na Klinici za onkologiju KBC-a Zagreb / Contemporary approach to TBI therapy at the Oncology Clinic of UHC Zagreb, *Arijana Petković, Helena Režić, Marina Puntarec*
2. Utjecaj različitih čimbenika na kvalitetu slikovnih podataka kod MR-a i radioterapije prostate / The influence of various factors on the quality of imaging data in MRI and prostate radiotherapy, *Sara Jurilj, Ivana Vukašinović, Tomislav Jovanić*
3. Pristup pacijentu uz empatiju i razumijevanje tijekom radioloških pretraga / Approaching the patient with empathy and understanding during radiological examinations, *Vladimir Tolić, Mate Marasović*
4. Embolizacija aneurizme lijenalne arterije / Embolization of splenic artery aneurysm, *Marko Milićević, Andrej Požgaj*
5. Optimizacija dnevne provjere kvalitete na linearnom akceleratoru Elekta Harmony KZT integracijom sustava IBA myQA Daily / Optimization of Daily Quality Assurance on the Elekta Harmony Linear Accelerator by Integrating the IBA myQA Daily System, *Ana Udovičić, Edina Meštrović, Vladimira Ugarković*
6. MSCT Polytrauma Dual Energy, *Alen Udovičić, Mateo Mance*
7. Shielding doors in radiology and radiotherapy, *Milan Radojević, Luka Lazarević, Mirjana Milinčić, Jovan Stevanović*
8. Umjetna inteligencija kao podrška radiološkom tehnologu u suvremenoj radiološkoj praksi / Artificial intelligence as support for radiological technologists in modern radiological practice, *Bruna Goleš, Lucija Bratinčević*
9. The role of the radiologic technologist (RTT) in VMAT treatment of primary CNS tumours, *Daniela Pavlovska, Igor Stojkovski*
10. Modularne intervencije temeljene na igri u pedijatrijskoj radiologiji i radioterapiji: perspektiva radiološkog tehnologa / Modular Play-Based Interventions in Paediatric Imaging and Radiotherapy: A Technologist's Perspective, *Ema Matoš, Mia Šimić, Damir Ciprić*
11. Tetovaže kao dijagnostički izazov u mamografiji / Tattoos as a diagnostic challenge in mammography, *Matea Bolčić, Marina Krmeč*
12. Usporedba udaljenosti mandibularnog kanala od ruba alveolarnog grebena u ozubljenih i bezubih ispitanika analizom CBCT snimki / Comparison of the distance between the alveolar ridge crest and the mandibular canal in dentate and edentulous subjects using CBCT imaging analysis, *Lucija Kraljević, Tatjana Matijaš, Tea Galić*