



## Elections to EACVI Board 2024-2026

Application for the position: *(Select one position)*

- EACVI President-Elect
- EACVI Treasurer
- EACVI Secretary
- EACVI Councillor (Echocardiography)
- EACVI Councillor (Cardiovascular Magnetic Resonance)
- EACVI Councillor (Nuclear Cardiology & Cardiac CT)
- EACVI Vice-President-Elect (Echocardiography)
- EACVI Vice-President-Elect (Cardiovascular Magnetic Resonance)
- EACVI Vice-President-Elect (Nuclear Cardiology & Cardiac CT)
- EACVI Ordinary Nominating Committee member

1. Your Identity	
Title	Assistant professor
Family Name(s)	Popa
First Name(s)	Radu Teodoru
Birth Date	22.01.1980
Type of address	Business <input checked="" type="checkbox"/> Home <input type="checkbox"/>
Institute/Organisation	SPAD Imaging Center
Department	Cardiac CT
Address	Str Gheorghe Doja No 8
Post Code/Zip	
City	Craiova
Country	Romania
Mobile Phone	██████████
Phone	
Email	████████████████████





## 2. Previous experience(s) in the EACVI or ESC or your National Bodies?

No

## 3. Are you a Board or Nucleus Member of another scientific organisation?

Yes  No

If Yes, please specify:

## 4. Selected publications (please list 10 max)

1. [Needle-based interventions with the image-guided surgery toolkit \(IGSTK\): from phantoms to clinical trials](#)  
Z Yaniv, P Cheng, E Wilson, T Popa, D Lindisch, E Campos-Nanez, ...  
IEEE transactions on biomedical engineering 57 (4), 922-933
2. [Radiofrequency ablation of lung tumors in swine assisted by a navigation device with preprocedural volumetric planning](#)  
F Banovac, P Cheng, E Campos-Nanez, B Kallakury, T Popa, E Wilson, ...  
Journal of Vascular and Interventional Radiology 21 (1), 122-129



3.	<a href="#">Feasibility of carotid stent deployment in swine using an electromagnetic navigation device for catheter guidance size</a> F Banovac, B Wood, T Popa, D Lindisch, H Zhang, K Cleary, N Glossop International Congress Series, 1308
4.	<a href="#">Augmented and mixed reality for collaborative cardiac planning using 3D and 4D medical imaging data</a> DL Popa, ML Mocanu, RT Popa, LF Bărbulescu, LN Bărbulescu, ... 2020 24th International Conference on System Theory, Control and Computing ...
5.	<a href="#">Four-Dimensional Echocardiography Is an Accurate Tool for Coronary Sinus Evaluation in Patients with Persistent Left Superior Vena Cava Diagnosis</a> A Glodeanu, DA Cherata, RT Popa, DL Popa, L Barbulescu, SI Zaharie, ... Discoveries 8 (4)
6.	<a href="#">Risk Estimator using a Multi-Layer Perceptron Network for Coronary Artery Disease Prevention</a> DL Popa, ML Mocanu, RT Popa 4th International Conference on Recent Trends and Applications in Computer ...
7.	
8.	
9.	
10.	
11.	

## 5. Publication metrics





ORCID ID: 0000-0002-2354-0742

Google scholar profile link:

[https://scholar.google.ro/citations?user=UJ4GO\\_UAAAAJ&hl=ro](https://scholar.google.ro/citations?user=UJ4GO_UAAAAJ&hl=ro)

Google scholar h-index: 5

## 6. Total number of peer reviewed publications / textbooks and chapters

## 7. Why are you interested in joining the EACVI Board (300 words max)?

As a dedicated healthcare professional with a passion for cardiovascular health, I am keenly interested in pursuing a career focused on Cardiac CT. My fascination with Cardiac CT stems from its pivotal role in non-invasively diagnosing and evaluating cardiac conditions with exceptional precision and detail. The ability to utilize advanced imaging technology to assess the structure and function of the heart in real-time is not only fascinating but also essential for providing accurate and timely patient care.

I am drawn to Cardiac CT because of its potential to revolutionize the way we approach cardiovascular disease management. By leveraging the latest technological advancements in imaging, Cardiac CT enables early detection of heart conditions, leading to better outcomes and improved patient care. The opportunity to work with cutting-edge equipment and collaborate with multidisciplinary teams to interpret and utilize Cardiac CT findings excites me and drives my professional ambition.

Moreover, the dynamic and constantly evolving nature of Cardiac CT appeals to my appetite for continuous learning and growth. Keeping abreast of the latest developments in cardiac imaging techniques and research allows me to stay at the forefront of cardiovascular healthcare and provide the best possible care to my patients.

