EACVI
European Association of Cardiovascular Imaging

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	Lecturer (Priv. Dozent); MD, PhD	
Family Name(s)	Giannopoulos	
First Name(s)	Andreas	
Birth Date	16/02/1985	
Type of address	Business ☒	Home ☐
Institute/Organisation	University Hospital Zurich	
Department	Department of Nuclear Medicine, Cardiac Imaging	
Address	Raemistrasse 100	
Post Code/Zip	8091	
City	Zurich	
Country	Switzerland	
Mobile Phone	[redacted]	
Phone	[redacted]	
Email	[redacted]	

2. Previous experience(s) in the EACVI or ESC or your National Bodies?
- Fellow of the ESC (since 2023) - EACVI Silver Member (since 2016) - EACVI Leaders of Tomorrow Academy (2022-2024) - Member of the EACVI Certification Nuclear Cardiology Committee (since 2020) - Member of the EACVI CCT Certification Committee (since 2018) - Member of the EACVI Industry Round Table Committee (since 2022) - Member of the ESC WG Atherosclerosis & Vascular Biology (since 2017) - Member of the ESC WG on e-Cardiology (since 2017) - ICNC-CT 2024 Scientific Programme Committee (Scientific Committee Advisor) - EACVI CCT Course 2024 (Faculty) - ESC Delegated Twitter Ambassador for ICNC-CT 2024,2021, 2019, EACVI 2023

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. Giannopoulos AA, Keller L, Sepulcri D, Boehm R, Garefa C, Venugopal P, Mitra J, Ghose S, Deak P, Pack JD, Davis CL, Stähli BE, Stehli J, Pazhenkottil AP, Kaufmann PA, Buechel RR.
   High-Speed On-Site Deep Learning-Based FFR-CT Algorithm: Evaluation Using Invasive Angiography as the Reference Standard.
   AJR Am J Roentgenol. 2023 Oct;221(4):460-470.
2. Kishi S*, Giannopoulos AA*, Kato N, Tang A, Chatzizisis YS, Dennie C, Vavere A, Horiuchi Y, Tanabe K, Lima JAC, Rybicki FJ, Mitsouras D.
   Estimates of Fractional Flow Reserve from Coronary CT Angiography Using Contrast Opacification Gradients to Determine Coronary Flow Distribution.
   Radiology. 2018 Apr;287(1):76-84.
   (*equally contributed first authors)
3. Giannopoulos AA, Tang A, Ge Y, Cheezum M, Steigner M, Fujimoto S, Kumamaru K, Chiappino D, Della Latta D, Berti S, Chiappino S, Rybicki F, Melchionna S, Mitsouras D.
   Diagnostic Performance of a Lattice Boltzmann-Based Method for Fast CT-Fractional Flow Reserve.
   EuroIntervention. 2018 Feb 20;13(14):1696-1704.
4. Chatzizisis YS*, Toutouzas K*, Giannopoulos AA*, Riga M, Antoniadis AP, Fujinom Y, Mitsouras D, Doulaverakis C, Tsampoulatidis I, Koutkias VG, Chouvarda I, Cheimariotis G, Maglaveras N, Kompatsiaris I, Nakamura S, Rybicki FJ, Tousoulis D, Giannoglou GD.
   Association of Global and Local Low Endothelial Shear Stress with High-risk Plaque Using Intracoronary 3D Optical Coherence Tomography-Introduction of "Shear Stress Score".
   Eur Heart J Cardiovasc Imaging. 2017 May 1;18(8):888-897.
   (*equally contributed first authors)
5. Giannopoulos AA, Mitsouras D, Yoon, SJ, Liu PP, Chatzizisis YS, Rybicki FJ.
   Applications of 3D Printing in Cardiovascular Diseases.
   Nat Rev Cardiol. 2016;13:701–718.
6. Mézquita AJV, Biavati F, Falk V, Alkadhi H, Hajhosseiny R, Maurovich-Horvat P, Manka R, Kozerke S, Stuber M, Derlin T, Channon KM, Išgum I, Coenen A, Foellmer B, Dey D, Volleberg RHJA, Meinel FG, Dweck MR, Piek JJ, van de Hoef T, Landmesser U, Guagliumi G, Giannopoulos AA, Botnar RM, Khamis R, Williams MC, Newby DE, Dewey M.
   Clinical quantitative coronary artery stenosis and coronary atherosclerosis imaging: a Consensus Statement from the Quantitative Cardiovascular Imaging Study Group.
   Nat Rev Cardiol. 2023 Oct;20(10):696-714
7. Schaab J*, Candreva A*, Rossi A, Markendorf S, Sager D, Messerli M, Pazhenkottil AP, Benz DC, Kaufmann PA, Buechel RR, Staehli BS, Giannopoulos AA.
   A simple coronary CT angiography-based jeopardy score for the identification of extensive coronary artery disease: Validation against invasive coronary angiography.
   Diagn Interv Imaging. 2024 Apr;105(4):151-158.

8. Giannopoulos AA, Chatzizisis YS, Maurovich-Horvat P, Antoniadis A, Hoffmann U, Steigner ML, Rybicki FJ, Mitsouras D.
Quantifying the effect of side branches in in endothelial shear stress estimates.
Atherosclerosis. 2016 Aug:251:213-218.

9. Fujimoto S*, Giannopoulos AA*, Kumamaru KK, , Sewatkar R, Matsamuri R, Kato E, Kawaguchi Y, Takamura K, Miyauchi K, Rybicki FJ, Daida H, Mitsouras D.
Transluminal Attenuation Gradient in Coronary CT Angiography for the Detection of Compromised Fractional Flow Reserve: Can All Arteries Be Treated Equally?
Br J Radiol. 2018 Jul;91(1087):20180043.

10. Giannopoulos AA, Bolt B, Benz DC, Messerli M, von Felten E, Patriki D, Gebhard C, Pazhenkottil AP, Gräni C, Kaufmann PA, Buechel RR, Gaemperli O.
Non-invasive Assessment of Endothelial Shear Stress in Myocardial Bridges using Coronary Computed Tomography Angiography.
Angiology. 2024 Apr;75(4):367-374.

5. Publication metrics

ORCID ID: https://orcid.org/0000-0002-938-3170
Google scholar profile link:
https://scholar.google.com/citations?user=89KI9mEAAAAJ&hl=el
Google scholar h-index: 24 (accessed on 12/08/2024)

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

102 peer reviewed manuscripts / 8 chapters in textbooks

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

Dear colleagues and friends

I am delighted to be standing for election as EACVI Councillor-Nuclear Cardiology & Cardiac CT, aiming to actively contribute to our Association and to the care of cardiovascular patients.

I am a cardiologist trained over the full spectrum of multimodality cardiovascular imaging —non-invasive and invasive — I currently serve as a consultant in cardiac imaging. Beyond my clinical duties, I am a devoted researcher and academic educator. Over the past seven years, I have been engaged with the EACVI in various capacities, notably on the Certification sub-committees for cardiac CT and Nuclear Cardiology and my participation in the EACVI Leadership of Tomorrow Academy.

These roles have provided me with invaluable insights into the mission of our organization and the potential we have to influence the future of cardiovascular imaging.

Education and mentorship are central to my professional philosophy. I am dedicated to enhancing the educational programs within EACVI, supporting the continuous professional development of our members, with a special focus on nurturing the next generation of cardiac imagers. This will ensure they are well equipped with the latest knowledge and skills in cardiovascular imaging.

I also firmly believe in the strength of collaboration. The diversity within the EACVI community is one of its greatest assets. As a councillor, I aim to promote cooperative initiatives that bring together experts from various fields/modalities, enhancing our understanding, diagnostic approaches and management of cardiovascular diseases through a unified approach.

I am confident that my drive to promote excellence, education, research and collaboration align well with the mission of EACVI, an organization I am proud to be part of. I am enthusiastic about the opportunity to contribute my clinical and academic expertise in Nuclear Cardiology and cardiac CT to help advance our field.

Thank you for considering my candidacy. I look forward to the possibility of serving our community in this new capacity.