

Elections to EACVI Board 2018-2020

Application for the position:

EACVI Councillor (Nuclear Cardiology & Cardiac CT)



1. Your Identity	
Title	MD, PhD, FESC, FSCCT
Family Name(s)	Pontone
First Name(s)	Gianluca
Birth Date	July 27th 1973
Institute/Organisation	Centro Cardiologico Monzino, IRCCS
Department	Cardiovascular Imaging
City	Milan
Country	Italy

2. General Curriculum Vitae (300 words max)

Dr Gianluca Pontone was graduated with honors in medicine in 1997 followed by post-graduate degree in cardiology and radiology and PhD in Clinical Methodology in 2001, 2006 and 2014, respectively, at University of Milan, Italy. He is currently director of Magnetic Resonance Imaging Unit and deputy director of Cardiovascular Computed Tomography Unit of Centro Cardiologico Monzino, IRCC, a fully dedicated research hospital to cardiovascular disease where the University of Milan is based. He is author of 191 indexed articles on international journal, 7 scientific books, 441 scientific abstracts and 327 lectures at national and international meetings in the field of cardiovascular imaging with an overall impact factor and H-index of 1118 and 27, respectively. He is currently in the board of directors of Society of Cardiovascular Computed Tomography (SCCT), chairman of CT certification committee of European Association of Cardiovascular Imaging (EACVI) and chairman of working group of cardiac magnetic resonance of Italian society of cardiology (SIC). He is associate editor or member of editorial board of the following journals: JACC Cardiovascular Imaging, Atherosclerosis, Journal of Cardiovascular Computed Tomography, Eurointervention, Biomed International Research, Acta Radiologica. Since 2015 he is fellow of European Society of Cardiology (FESC) and Society of Cardiovascular Computed Tomography (FSCCT).

**3. Previous experience(s) in the EACVI or ESC or your National Bodies?**

- Chairman of Cardiovascular CT certification committee
- Member ex-officio of CT and Nuclear working group
- Speakers of the following EACVI webinars:
 - a) Cardiac CT tutorials: Cardiac CT in structural heart disease
 - b) Cardiac CT tutorials: Functional CAD evaluation with CT perfusion and CT FFR
 - c) Current practice and state of the art in coronary flow measurements
 - d) Role of MMI for managing patients with atrial fibrillation
- Author of the following published EACVI documents:
 - a) Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). European Heart Journal (2017) 0, 1–11. doi:10.1093/eurheartj/ehx582
 - b) Training in cardiac computed tomography: EACVI certification process. European Heart Journal - Cardiovascular Imaging (2018) 19, 123–126 doi:10.1093/ehjci/jex310
- Author of the following ongoing EACVI documents:
 - a) Multimodality imaging for patient selection, procedural guidance and follow-up of transcatheter interventions for structural heart disease: mconsensus document from the European Association of Cardiovascular Imaging. Endorsed by the EAPCI and EACTA
 - b) From physiology and pathophysiology of the right ventricle to cardiac imaging
 - c) Reporting cardiac computed tomography: a joint position paper by the European Association of Cardiovascular Imaging (EACVI) and Society of Cardiovascular Computed Tomography (SCCT)
 - d) EACVI Expert Consensus on the Multi-Modality Imaging Approach to the diabetic heart
Multimodality Imaging in Cardiology. A statement on behalf of the Task Force on Multimodality Imaging of the European Association of Cardiovascular Imaging



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

Yes ☒ No

If Yes, please specify:

- a) Board Member of Society of Cardiovascular Computed Tomography (SCCT)
- b) Chairman of Cardiovascular Magnetic Resonance working group of Italian Society of Cardiology (SIC)

**5. Publications (please list 10 max)**

1. **Pontone G** et al. Stress Computed Tomography PERfusion Versus Fractional Flow REserve CT Derived In Suspected COroNary Artery Disease (PERFECTION Study). JACC Cardiovasc Imaging 2018, in press
2. **Pontone G**, Andreini D, Guaricci AI, Guglielmo M, Baggiano A, Muscogiuri G, Fusini L, Soldi M, Fazzari F, Berzovini C, Pasquini A, Ciancarella P, Mushtaq S, Conte E, Calligaris G, De Martini S, Ferrari C, Galli S, Grancini L, Ravagnani P, Teruzzi G, Trabattoni D, Fabbicocchi F, Lualdi A, Montorsi P, Rabbat MG, Bartorelli AL, Pepi M. Quantitative vs. qualitative evaluation of static stress computed tomography perfusion to detect haemodynamically significant coronary artery disease. Eur Heart J Cardiovasc Imaging. 2018 Aug 10. doi: 10.1093/ehjci/jeu111. PMID: 30107557.
3. **Pontone G**, Andreini D, Guaricci AI, Guglielmo M, Baggiano A, Muscogiuri G, Fusini L, Fazzari F, Berzovini C, Pasquini A, Mushtaq S, Conte E, Cosentino N, Rabbat MG, Marenzi G, Bartorelli AL, Pepi M, Tremoli E, Banfi C. Association Between Haptoglobin Phenotype and Microvascular Obstruction in Patients With ST-Segment Elevation Myocardial Infarction: A Cardiac Magnetic Resonance Study. JACC Cardiovasc Imaging. 2018 Apr 13. pii: S1936-878X(18)30276-6. doi: 10.1016/j.jcmg.2018.03.004.PMID: 29680345
4. **Pontone G**, Andreini D, Guaricci AI, Baggiano A, Fazzari F, Guglielmo M, Muscogiuri G, Berzovini CM, Pasquini A, Mushtaq S, Conte E, Calligaris G, De Martini S, Ferrari C, Galli S, Grancini L, Ravagnani P, Teruzzi G, Trabattoni D, Fabbicocchi F, Lualdi A, Montorsi P, Rabbat MG, Bartorelli AL, Pepi M. Incremental Diagnostic Value of Stress Computed Tomography Myocardial Perfusion With Whole-Heart Coverage CT Scanner in Intermediate- to High-Risk Symptomatic Patients Suspected of Coronary Artery Disease. JACC Cardiovasc Imaging. 2018 Feb 9. pii: S1936-878X(17)31149-X. doi: 10.1016/j.jcmg.2017.10.025. [Epub ahead of print]. PMID: 29454774
5. **Pontone G**, Moharem-Elgamal S, Maurovich-Horvat P, Gaemperli O, Pugliese F, Westwood M, Stefanidis A, Fox KF, Popescu BA. Training in cardiac computed tomography: EACVI certification process. Eur Heart J Cardiovasc Imaging. 2017 Dec 11. doi: 10.1093/ehjci/jex310. PMID: 29236986.
6. **Pontone G**, Guaricci AI, Andreini D, Ferro G, Guglielmo M, Baggiano A, Fusini L, Muscogiuri G, Lorenzoni V, Mushtaq S, Conte E, Annoni A, Formenti A, Mancini ME, Carità P, Verdecchia M, Pica S, Fazzari F, Cosentino N, Marenzi G, Rabbat MG, Agostoni P, Bartorelli AL, Pepi M, Masci PG. Prognostic Stratification of Patients With ST-Segment-Elevation Myocardial Infarction (PROSPECT): A Cardiac Magnetic Resonance Study. Circ Cardiovasc Imaging. 2017 Nov;10(11). pii: e006428. doi: 10.1161/CIRCIMAGING.117.006428
7. **Pontone G**, Andreini D, Guaricci AI, Rota C, Guglielmo M, Mushtaq S, Baggiano A, Beltrama V, Fusini L, Solbiati A, Segurini C, Conte E, Gripari P, Annoni A, Formenti A, Petulla' M, Lombardi F, Muscogiuri G, Bartorelli AL, Pepi M. The STRATEGY Study (Stress Cardiac Magnetic Resonance Versus Computed Tomography Coronary Angiography for the Management of Symptomatic Revascularized Patients): Resources and Outcomes Impact. Circ Cardiovasc Imaging. 2016 Oct;9(10). pii: e005171.PMID: 27894070





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| <p>8. Pontone G, Guaricci AI, Andreini D, Solbiati A, Guglielmo M, Mushtaq S, Baggiano A, Beltrama V, Fusini L, Rota C, Segurini C, Conte E, Gripari P, Dello Russo A, Moltrasio M, Tundo F, Lombardi F, Muscogiuri G, Lorenzoni V, Tondo C, Agostoni P, Bartorelli AL, Pepi M. Prognostic Benefit of Cardiac Magnetic Resonance Over Transthoracic Echocardiography for the Assessment of Ischemic and Nonischemic Dilated Cardiomyopathy Patients Referred for the Evaluation of Primary Prevention Implantable Cardioverter-Defibrillator Therapy. <i>Circ Cardiovasc Imaging</i>. 2016; DOI: 10.1161/CIRCIMAGING.115.004956</p> |
| <p>9. Pontone G, Andreini D, Bertella E, Loguercio M, Guglielmo M, Baggiano A, Aquaro GD, Mushtaq S, Salerni S, Gripari P, Rossi C, Segurini C, Conte E, Beltrama V, Giovannardi M, Veglia F, Guaricci AI, Bartorelli AL, Agostoni P, Pepi M, Masci PG. Prognostic value of dipyridamole stress cardiac magnetic resonance in patients with known or suspected coronary artery disease: a mid-term follow-up study. <i>Eur Radiol</i>. 2015;26:2155-2165, ISSN: 0938-7994, doi: 10.1007/s00330-015-4064-x</p> |
| <p>10. Pontone G, Andreini D, Bartorelli A, Cortinovis S, Mushtaq S, Bertella E, Annoni A, Formenti A, Nobili E, Trabattoni D, Montorsi P, Ballerini G, Agostoni PG, Pepi M. Diagnostic accuracy of coronary CT angiography: comparison between prospective and retrospective ECG triggering. <i>J Am Coll Cardiol</i> 2009;54:346-55. ISSN: 0735-1097</p> |



**6. Received Hirsch Index (Year / Index)****Hirsh Index 27 (Number of Citations 2765)****Source Scopus**

2018: number of citations 445
2017: number of citations 566
2016: number of citations 486
2015: number of citations 239
2014: number of citations 216
2013: number of citations 197
2012: number of citations 157
2011: number of citations 84
2010: number of citations 94
2009: number of citations 67
2008: number of citations 46

7. Received Impact Factor(s) (Year / IF)

TOTAL IMPACT FACTOR		1118,88
2018: number of articles (34)	-	IF 237,74
2017: number of articles (33)	-	IF 182,33
2016: number of articles (31)	-	IF 161,70
2015: number of articles (25)	-	IF 126.15
2014: number of articles (18)	-	IF 87.16
2013: number of articles (12)	-	IF 40.05
2012: number of articles (10)	-	IF 50.75
2011: number of articles (17)	-	IF 83.89
2010: number of articles (9)	-	IF 20.11
1998 – 2009: number of articles (2)	-	IF 129

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

The cardiovascular computed tomography (CCT) has emerged in the last decade as disruptive and innovative diagnostic tool in the management of patients with suspected or known cardiac disease in addition to well established imaging modalities such as echocardiography, cardiac magnetic resonance and nuclear medicine. However, the growth and development of a full integration of CCT in the diagnostic work-up joined with other imaging tests is challenging due to its hybrid nature between cardiology and radiology community. Therefore, a multidisciplinary approach is required to reach the aim to have these new emerging modality among the diagnostic portfolio of the routine clinical activity. Thanks to my personal double training in cardiology and radiology and multimodality expertise, I think to be able to give my contribution in the EACVI board to compete for the difficult challenge of education, training and certification of these emerging diagnostic applications in the era of multimodality imaging

