EACVI
European Association of Cardiovascular Imaging

Elections to EACVI Board 2022-2024

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)

1. Your Identity	
Title	Professor Dr.
Family Name(s)	Manka
First Name(s)	Robert
Birth Date	05.09.1977
City	Zürich
Country	Switzerland

ESC European Society of Cardiology

2. General Curriculum Vitae (300 words max)

Professor Robert Manka is the director of the cardiac magnetic resonance imaging unit of the *University Hospital Zürich*, Switzerland.

He received his medical degree in 2002 and trained in internal medicine and cardiology at the *University of Bonn*, *German Heart Institute Berlin (Charité)* and the *University Hospital Zürich*.
He completed a postdoctoral fellowship at the *Institute for Biomedical Engineering at the University and ETH Zürich* in the field of cardiac magnetic resonance imaging.

His research centres mainly on developing multi-modality cardiovascular imaging methods with special interest in cardiovascular magnetic resonance, specifically for the assessment of *ischemic heart disease* and *heart failure*.
In 2011, the Society of Cardiovascular Magnetic Resonance (SCMR) awarded him with the Gerald M. Pohost Award.

In 2013, he received the Venia legendi (Habilitation) from the University of Zürich with "Cardiac magnetic resonance imaging in coronary heart disease".
As Lecturer at the *University of Zürich (UZH)* and the *Swiss Federal Institute of Technology (ETH)*, Professor Manka is regularly involved in teaching medical students, residents and has established a national and international cardiac imaging fellowship at the University Hospital Zürich.

Professor Manka has published over 200 scientific papers (H-index 37) in such journals as *the Journal of the American College of Cardiology*, *Circulation* and *European Heart Journal* and he has authored and published several book chapters on cardiovascular disease (e.g. ESC Textbook of Cardiovascular Medicine).
He is a member of the Editorial board of the *European Heart Journal* and *Echocardiography.*

In 2021, he served as the *Scientific Programme Chair* of the EuroCMR 2021.
Furthermore, he acts as Chair of the *EACVI CMR Laboratory Accreditation*, *CMR Exam Board member*, and member for the *EACVI Scientific Initiatives Committee* of the European Society of Cardiology.
Additionally, he is Vice Chair of the *SCMR Clinical Practice Committee*.

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

1) 2021 Scientific Programme Chair EACVI EuroCMR 2021 conference
2) Since 2020 Chair EACVI CMR Laboratory Accreditation Committee
3) Since 2018 Member for the EACVI Scientific Initiatives Committee
4) Member of Imaging Group of the Heart Failure Association (HFA) of the European Society Cardiology (2016-2018)
5) Since 2014 EACVI CMR Exam Board member
6) 2012-2014 EACVI Ex-officio Nucleus Member CMR Section

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

Yes ☐ No ☒ If Yes, please specify:	

5. Selected publications (please list 10 max)

1. **Manka R**, Jahnke C, Kozerke S, Vitanis V, Crelier G, Gebker R, Schnackenburg B, Boesiger P, Fleck E, Paetsch I.
   Dynamic 3-dimensional stress cardiac magnetic resonance perfusion imaging: detection of coronary artery disease and volumetry of myocardial hypoenhancement before and after coronary stenting.
   J Am Coll Cardiol. 2011 Jan 25;57(4):437-44.

2. **Manka R,** Paetsch I, Kozerke S, Moccetti M, Hoffmann R, Schroeder J, Reith S, Schnackenburg B, Gaemperli O, Wissmann L, Wyss CA, Kaufmann PA, Corti R, Boesiger P, Marx N, Lüscher TF, Jahnke C.
Whole-heart dynamic three-dimensional magnetic resonance perfusion imaging for the detection of coronary artery disease defined by fractional flow reserve: determination of volumetric myocardial ischaemic burden and coronary lesion location.
Eur Heart J. 2012 Aug; 33(16):2016-24.

3. Jahnke C, Nagel E, Gebker R, Kokocinski T, Kelle S, **Manka R**, Fleck E, Paetsch I.
Prognostic value of cardiac magnetic resonance stress tests: adenosine stress perfusion and dobutamine stress wall motion imaging.
Circulation. 2007 Apr 3;115(13):1769-76.

4. **Manka R**, Vitanis V, Boesiger P, Flammer AJ, Plein S, Kozerke S.
Clinical feasibility of accelerated, high spatial resolution myocardial perfusion imaging.
JACC Cardiovasc Imaging. 2010 Jul;3(7):710-7.

5. Čelutkienė J, Plymen CM, Flachskampf FA, de Boer RA, Grapsa J, **Manka R**, Anderson L, Garbi M, Barberis V, Filardi PP, Gargiulo P, Zamorano JL, Lainscak M, Seferovic P, Ruschitzka F, Rosano GMC, Nihoyannopoulos P.
Innovative imaging methods in heart failure: a shifting paradigm in cardiac assessment. Position statement on behalf of the Heart Failure Association of the European Society of Cardiology.
Eur J Heart Fail. 2018 Dec;20(12):1615-1633.

6. Sürder D, **Manka R**, Lo Cicero V, Moccetti T, Rufibach K, Soncin S, Turchetto L, Radrizzani M, Astori G, Schwitter J, Erne P, Zuber M, Auf der Maur C, Jamshidi P, Gaemperli O, Windecker S, Moschovitis A, Wahl A, Bühler I, Wyss C, Kozerke S, Landmesser U, Lüscher TF, Corti R.
Intracoronary injection of bone marrow-derived mononuclear cells early or late after acute myocardial infarction: effects on global left ventricular function
Circulation. 2013 May 14;127(19):1968-79.

7. Baessler B, Mannil M, Oebel S, Maintz D, Alkadhi H, **Manka R**.
Subacute and Chronic Left Ventricular Myocardial Scar: Accuracy of Texture Analysis on Nonenhanced Cine MR Images.
Radiology. 2018 Jan 286(1):103-112

8. **Manka R**, Wissmann L, Gebker R, Jogiya R, Motwani M, Frick M, Reinartz S, Schnackenburg B, Niemann M, Gotschy A, Kuhl C, Nagel E, Fleck E, Marx N, Luescher TF, Plein S, Kozerke S
Multicenter evaluation of dynamic three-dimensional magnetic resonance myocardial perfusion imaing for the detection of coronary artery disease defined by fractional flow reserve
Circ Cardiovasc Imaging 2015 May;8(5)

9. Gotschy A, Saguner AM, Niemann M, Hamada S, Akdis D, Yoon JN, Parmon EV, Delgado V, Bax JJ, Kozerke S, Brunckhorst C, Duru F, Tanner FC, **Manka R**
Right ventricular outflow tract dimensions in arrhythmogenic right ventricular cardiomyopathy/dysplasia-a multicentre study comparing echocardiography and cardiovascular magnetic resonance.
Eur Heart J Cardiovasc Imaging. 2017 May 26

10. Gotschy A, Jordan S, Stoeck CT, von Deuster C, Peer T , Gastl M, Vishnevskiy V, Wissmann , Dobrota R, Mihai C, Becker MO, Maurer B, Kozerke S , Distler O, **Manka R**
Diffuse myocardial fibrosis precedes subclinical functional myocardial impairment and provides prognostic information in systemic sclerosis.
Eur Heart J Cardiovasc Imaging. 2022 May 26

6. Publication metrics

Google scholar h-index: **37**
Google scholar citations: **4654**
ORCID ID: 0000-0002-3383-4998

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

- **> 200** peer reviewed publications
- **7** textbooks and chapters

8. Why are you interested in joining the EACVI Board (300 words max)?
I am interested to join the EACVI Board as Councillor for Cardiovascular Magnetic Resonance. Indeed, I am deeply motivated in contributing to the growing of the Association and its scientific and educational activities. I feel I could continue to make a significant contribution in a number of different ways. Since 2012 I have participated actively on the nucleus as a nominated ex-officio member. In this role I have worked closely with the CMR Section Chairs. Later I joined the CMR Exam Board under the supervision of Professor Steffen Petersen and Dr. Mark Westwood. During this time, I have taken on the role to develop the EACVI Cardiac Magnetic Resonance Laboratory Accreditation. I would like to continue to work on the high standards of education and certification in order to improve the knowledge in this fast growing and exciting field of cardiology. As Councillor of the CMR section I would like to share my enthusiasm and passion for cardiac imaging and strengthen **education**, **training** and **research** in this important field across Europe and around the World. I felt very honoured to be appointed Programme Chair for the 2021 EuroCMR conference and it is my intention to contribute to EACVI annual events in the future. I strongly believe in our multi-modality imaging association and its assets to cardiovascular medicine as it puts the patient at the centre of its mission.