

Elections 2014-2016, EACVI Section on Nuclear Cardiology & Cardiac CT

**Application for the position:
Section Vice-Chair
Nuclear Cardiology & Cardiac CT**



1. Your Identity

Title: Prof.Dr.

Family Name(s): Schröder

First Name(s): Stephen

Type of address: Business/Home?
Business

Institute/Organisation:
Alb-Fils-Kliniken Göppingen, Germany

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Dept. Of Cardiology

Address:
Eichertstrasse 3

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Country: Germany

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Mail:

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2. General Curriculum Vitae (300 words max)

Current position Director, Department of Cardiology, Pneumology, Angiology with Stroke Unit, Alb-Fils-Kliniken, Göppingen, Germany

Profession

1993-2000 Residency in internal medicine, Eberhard-Karls-University Tübingen, Dept of Cardiology

1998 ECFMG-Certificate

2000 Specialist in Internal Medicine

5-8/2000 Research grant Siemens Medical Solutions, Computed tomography, Forchheim, Germany

2001 Specialist in Cardiology

2002 Specialist in Intensive Care Medicine

2003 Associate Professor, Eberhard-Karls-University Tuebingen, Germany
Head of Interdisciplinary Section for Cardiovascular Imaging

2003 Call on a Full Professorship for Cardiovascular Imaging, University of Münster, Germany (*declined*)

2004 Specialist in Diabetology

2006 Professor of Internal Medicine

2004-2008 Vice Chairman, Department of Cardiology, Eberhard-Karls-University Tübingen

Since 2008 Director, Department of Cardiology, Angiology, Pneumology, Klinik am Eichert, Göppingen, Germany

Clinical focus Cardiac Imaging, Clinical Cardiology, Interventional Cardiology, Diabetology

Scientific interests Cardiovascular Imaging, Interventional cardiology

Consultant for the following scientific societies Deutsche Gesellschaft für Kardiologie, Herz- und Kreislaufforschung, European Society of Cardiology, American College of Cardiology, American Heart Association

Scientific Publications 129 peer reviewed publications, 13 book chapters

Cumulative Impact factor 250, Hirsch- Index 28

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

Member of the Nucleus of the WG Nuclear Cardiology and Cardiac- CT since 2006,
2008- 2010 responsible for monthly scientific reports,
2010- 2012 Secretary,
2012-2014 ex-officio (organization of brainstorming meetings)

4. Publications (please list 10 max)

1. **Schröder S**, Kopp AF, Baumbach A, Meisner C, Küttner A, Georg C, Ohnesorge B, Herdeg C, Claussen CD, Karsch KR. Noninvasive Detection and Evaluation of Atherosclerotic Coronary Plaques With Multislice Computed Tomography. *J Am Coll Cardiol* 2001; 37:1430-1435, *IF: 7,599*
2. **Schröder S**, Kopp AF, Ohnesorge B, Loke-Gie H, Küttner A, Baumbach A, Herdeg C, Claussen CD, Karsch KR. Virtual coronary angioscopy using multi-slice computed tomography. *Heart* 2002; 87:205-209, *IF: 3,16*
3. Schröder S, Jeroen J Bax. Multi-slice spiral computed tomography: useful for non-invasive coronary angiography? *The International Journal of Cardiovascular Imaging* 2004; 20:67-69, *IF: 0,496*
4. Schuijf J, Beck T, Burgstahler C, Jukema JT, Dirksen MS, deRoos A, van der Waal EE, Schröder S, Wijns W, Bax JJ. Differences in plaque composition and distribution stable coronary artery disease versus acute coronary syndromes; non-invasive evaluation with multi-slice computed tomography. *Acute Cardiac Care* 2007; 9:48-53
5. Schröder S. Can we simplify the measurement of cardiovascular calcification in hemodialysis patients ? *Nat Clin Pract Med* 2007; 4:248-249, *IF 2,73*
6. Schröder S, Achenbach S, Bengel F, Burgstahler C, Cademartiri F, de Feyter PJ, George R, Kaufmann P, Kopp AF, Knuuti J, Ropers D, Schuijf J, Tops L, Bax JJ. Cardiac Computed Tomography (CCT): Indications, Applications, Limitations and Training Requirements. *Eur Heart J* 2008, 29:531-556 *IF: 7,286*
7. Brodoefel H, Reimann A, Heuschmid M, Tsiflikas I, Kopp AF, Schroeder S, Claussen CD, Clouse ME, Burgstahler C. Characterization of coronary atherosclerosis by dual-source computed tomography and HUbased color mapping: a pilot study. *Eur Radiol.* 2008 Nov;18(11):2466-74. *IF 3.405*
8. Brodoefel H, Burgstahler C, Heuschmid M, Reimann A, Khosa F, Kopp A, Schroeder S, Claussen CD, Clouse ME. Accuracy of dual-source CT in the characterisation of non-calcified plaque: use of a colour-coded analysis compared with virtual histology intravascular ultrasound. *Br J Radiol.* 2009; 82(982):805-12.
9. Mahabadi AA, Achenbach S, Burgstahler C, Dill T, Fischbach R, Knez A, Moshage W, Richartz BM, Ropers D, Schroeder S, Silber S, Möhlenkamp S; Working group "Cardiac CT" of the German Cardiac Society. Safety, efficacy, and indications of beta-adrenergic receptor blockade to reduce heart rate prior to coronary CT angiography. *Radiology* 2010 Dec;257(3):614-23
10. Perrone-Filardi P, Achenbach S, Möhlenkamp S, Reiner Z, Sambuceti G, Schuijf JD, Van der Wall E, Kaufmann PA, Knuuti J, Schroeder S, Zellweger MJ. Cardiac computed tomography and myocardial perfusion scintigraphy for risk stratification in asymptomatic individuals without known cardiovascular disease: a position statement of the Working Group on Nuclear Cardiology and Cardiac CT of the European Society of Cardiology. *Eur Heart J.* 2011 Aug;32(16):1986-93, 1993a, 1993

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5. Why are you interested in applying for the Vice-Chair position of the Section on NC&CCT of EACVI (150 words max)?

I discovered first the ESC by participating in the annual ESC congress, when submitting abstracts at the beginning of my academic career. In 2006, I was officially invited to join the WG on Nuclear Cardiology, to create an official platform for Cardiac-CT - In the meantime, the WG was renamed "Nuclear Cardiology and Cardiac CT". Since then, my task is to represent the new imaging modality "Cardiac Computed Tomography" within the established Working Group "Nuclear Cardiology". With the changing border between in- and outpatient treatment of cardiology patients, I believe that the integration of non- invasive cardiac imaging, especially of Cardiac- CT and nuclear cardiology under the umbrella of the ESC and the EACVI is a tremendous asset to influence this field at a European level.

I am very grateful for the new international contacts throughout Europe and beyond, and especially for the fruitful discussions with interesting colleagues within our very active WG and the ESC.

Which are important projects for the near future?

Many studies showed and underlined the diagnostic accuracy and the potential value of cardiac- CT and nuclear cardiology for the clinical practice. From my point of view, one of the most important tasks for the nucleus of our WG for the next years is to introduce dedicated board examinations for cardiac- CT and nuclear cardiology.

Additional important projects are updates on scientific statements, e.g. on the use of cardiac- CT, as well as the coordination of scientific studies and the analysis and publication of registry data.