

**Application for the following position in the
EAE Board:** *(please specify)*

Councillors



YOUR IDENTITY

Name: Prof. Dr. Hagendorff, Andreas

Position: Head of the Laboratory of Echocardiography of the Department of Cardiology-Angiology

Country: Germany

GENERAL CV (300 words max)

EDUCATION:

- 1987-1988 Assistant in Physiology, Department of Physiology – University of Bonn
- 1988-1998 Venia Legendi (Dr. med. habil.) Assistant/Physician in Cardiology, Department of Cardiology, University of Bonn

EMPLOYMENT AND APPOINTMENTS:

- 2004 Associate Professor of Medicine, Department of Cardiology-Angiology, University of Leipzig
- 2001-present Head of the Laboratory of Echocardiography of the Department of Cardiology-Angiology; University of Leipzig
- 1999-2004 Co-Director of the Department of Cardiology-Angiology; University of Leipzig

PROFESSIONAL SOCIETY MEMBERSHIPS AND ACTIVITIES:

- 1989-present Membership German Society of Internal Medicine
- 1989-present Membership German Society of Cardiology
- 2001-present Membership of the German Society of Ultrasound Medicine
- 2002-present Nucleus of the German Working Group of Cardiovascular Ultrasound
- 2002-present Nucleus of the German Working Group of Clinical Competence in Echocardiography
- 2000-present Level 3 Criteria of the Society of Cardiovascular Magnetic Resonance
- 2002-present Level 3 Criteria of Echocardiography of the German Society of Ultrasound Medicine
- 2006-present Head of the Working Group of Echocardiography of the German Society of Ultrasound Medicine
- 2006-present Membership of the European Association of Cardiology/European Society of Cardiology
- 2007-present Nucleus of the Working Group of Virtual Sonography of the German Society of Ultrasound Medicine

SCIENTIFIC AND PROFESSIONAL MEETING ORGANIZATION AND LEADERSHIP

- 2001-present Resident supervisor of medical students and junior residents during cardiology rotation; Introduction to echocardiography, lectures for residents and medical students
- 2004-present Organizer of the “Leipziger Echokardiographie Symposium”
- 2005-present Organizer of the Teaching Courses “Echokardiographie Fortbildung – Leipzig” by the IME Institute for Continuing Medical Education (Basic, advanced, final courses in 2D-echocardiography as well as Doppler echocardiography, respectively; courses in TEE, stress and contrast echocardiography)
- 2006-2007 Organizer of the “Rhein-Main-Workshop Echokardiographie”, Frankfurt
- 2006 Organizer of the Echo-MRT Workshop, Leipzig
- 2015 Organizer and President of the XIX. World Congress of Echocardiography and Vascular Ultrasound in Germany
- 1991-present Scientific presentations of research activities in echocardiography on national and international scientific sessions
- 2004-present Review Activity for German Journal of Cardiology; Basic Research in Cardiology, European Heart Journal; European Journal of Ultrasound; European Journal of Echocardiography; American Journal of Cardiology; Circulation

Previous experience in EAE or ESC or your National Bodies?

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2002-present	Level 3 Criteria of Echocardiography of the German Society of Ultrasound Medicine
2006-present	Head of the Working Group of Echocardiography of the German Society of

Why are you interested in joining the EAE Board (150 words max)?

RESEARCH AREAS

Myocardial and cerebral perfusion during arrhythmia
Contrast echocardiography
Myocardial contrast echocardiography
Visualization of coronary arteries by echocardiography
Workflow and education in echocardiography
Virtual echocardiography

I am mainly interested in the field of education in echocardiography, especially because of the national problems of establishing quality standards in echocardiography. This topic is controversially discussed between the German Society of Cardiology and the German Society of Ultrasound and should be harmonized with the activities of the EAE.

Publications (please list 10 max)

Hagendorff A, Dettmers C, Danos P, Pizzulli L, Omran H, Manz M, Hartmann A, Lüderitz B. Myocardial and cerebral hemodynamics during tachyarrhythmia-induced hypotension in the rat. *Circulation* 1994;90:400-410.

Hagendorff A, Vahlhaus C, Jung W, Martin C, Heusch G., Lüderitz B. Association between hemodynamic parameters and the degeneration of sustained ventricular tachycardias into ventricular fibrillation in rats. *J Mol Cell Cardiol* 1997;29:3091-3103

Hagendorff A, Schumacher B, Kirchhoff S, Lüderitz B, Willecke K. Conduction disturbances and increased atrial vulnerability in connexin40-deficient mice analyzed by transesophageal stimulation. *Circulation* 1999;99:1508-1515.

Hagendorff A, Göckritz A, Wunderlich A, Frigstad S, Pfeiffer D, Becher H. Determinants of myocardial hypoperfusion analyzed for the interventricular septum using Power Doppler Harmonic Imaging with contrast echocardiography in humans – a methodological approach for clinical practice. *J Am Soc Echocardiogr* 2002;15:404-415.

Hagendorff A, Göckritz A, Neugebauer A, Rother T, Linke T, Pfeiffer D, Becher H. Assessment of regional myocardial hypoperfusion with myocardial contrast echocardiography using intravenous bolus application in patients with acute chest pain - a double case report. *Eur J Echocardiogr*. 2003;4:320-6.

Hagendorff A, Goeckritz A, Neugebauer A, Rother T, Pfeiffer D, Becher H. Intravenous Myocardial Contrast Echocardiography During Angioplasty. *Echocardiography* 2003;20:527-531.

Hagendorff A, Pfeiffer D, Rother T, Becher H. Myocardial Contrast Echocardiography for Assessment of Myocardial Perfusion at Rest in a Patient with Left Main Coronary Artery Stenosis. *Z Kardiol*. 2003;92:876-83.

Hagendorff A, Goeckritz A, Pfeiffer D, Becher H. Myocardial Contrast Echocardiography Demonstrates Myocardial Hypoperfusion in the LAD Territory in Patients with Acute Chest Pain at Rest – A Prospective Study Using Power Doppler Harmonic Imaging with Intravenous Bolus Application. *Eur J Echocardiogr*. 2004;5:132-41.

Hagendorff A, Werner A, Pfeiffer D, Becher H. Estimation of vasodilator response by analysis of Doppler intensity kinetics with myocardial contrast echocardiography using an intravenous standardized bolus administration. *Eur J Echocardiogr*. 2004;5:272-83.

Hagendorff A. Transthoracic Echocardiography in Adult Patients – a Proposal for Documenting a Standardized Investigation. *Eur J Ultrasound* 2008 (in press)