

PREVIOUS ROBERT RENEMAN LECTURERS:

1993 M. Verstraete, Leuven, Belgium	2009 K. Walsh, Boston, USA
1994 J. Sixma, Utrecht, NL	2010 J. Lusic, Los Angeles, USA
1995 P. Vanhoutte, Courbevoie, France	2011 W. Ouwehand, Cambridge, UK
1996 W. Schaper, Bad Neuheim, Germany	2012 D. Kass, Baltimore, USA
1997 P. Davies, Philadelphia, USA	2013 J. Yudkin, London, UK
1998 M. Pfeffer, Boston, USA	2014 P. Reitsma, Leiden, NL
1999 Y. Nemerson, New York, USA	2015 S. Hatem, Paris, France
2000 V. Fuster, New York, USA	2016 S. Laurent, Paris, France
2001 M. Schneider, Houston, USA	2017 J. Griffin, San Diego, USA
2002 F. Rosendaal, Leiden, NL	2018 M. Giacca, Trieste, Italy
2003 A. Zeiher, Frankfurt, Germany	2019 V. Ramachandran, Boston, USA
2004 P. Poole-Wilson, London, UK	2020 H. Büller, Amsterdam, NL
2005 D. Wagner, Boston, USA	2021 B. Casadei, Oxford, UK
2006 S. Wickline, St. Louis, USA	2022 P. Stenvinkel, Stockholm, Sweden
2007 J. Molkentin, Cincinnati, USA	2023 M. Cushman, Vermont, USA
2008 B. Furie, Boston, USA	2024 K. Shivkumar, Los Angeles, USA



**Cardiovascular
Research Institute
Maastricht**



Maastricht UMC+
Heart+Vascular Center



CARIM+HVC Annual Scientific Symposium

CARIM+HVC's 2025 Scientific Symposium will be held on Wednesday 26 November.

The morning programme will feature presentations by our recent NWO Talent Program laureates, who will showcase their research projects. Dr Armand Jaminon will then provide an update on Topsector Prevention, followed by the presentations of the nominees for the CARIM PhD abstract competition. A significant part of the programme will be dedicated to our poster session, in which scientists of CARIM will present their recent research findings.

In the afternoon, we are delighted to welcome behavioural biologist Patrick van Veen, known for his expertise on the parallels between social behaviour in apes and humans. The day will continue with presentations by our Heart Foundation Dekker laureates, and will conclude with the announcement of the Harry Crijns Research Grant winner and presentation of the CARIM prizes and awards.

This year's traditional Robert Reneman lecture, held in honour of CARIM's founding Director, will be given by Professor Henk Marquering. Henk Marquering is Professor in Radiology, specialising in Translational Artificial Intelligence at the Amsterdam University Medical Center, with a joint appointment at the departments of Biomedical Engineering & Physics and Radiology & Nuclear Medicine. He holds a PhD in theoretical seismology from Utrecht University and conducted postdoctoral research at Princeton University. His career spans academia and industry, including positions at Océ and involvement in multiple startups.

He started his research career in cardiovascular image analysis at Amsterdam UMC. The emergence of the third AI summer revealed that his research was fundamentally aligned with the core of artificial intelligence. For over a decade, he has focused on AI-based research in stroke care, developing novel AI solutions for automated radiological image analysis, such as thrombus detection and lesion quantification, and ambulance-based EEG triage. Innovations resulting from this research have been successfully translated into clinical practice.

Currently, Prof. Marquering's research is expanding towards Digital Twins and *in-silico* medicine techniques, using advanced techniques to simulate stroke, its treatments, and their effect on disease progression. This work is being leveraged for treatment optimisation in a third spin-out company, inSteps. He has co-authored over 300 peer-reviewed papers and has supervised more than 60 PhD candidates to date.

We are pleased to invite you to the CARIM+HVC Symposium 2025. Kindly register in advance, including for the evening celebration.

Prof. Tilman Hackeng, Scientific Director CARIM
Prof. Kevin Vernooij, Medical Director HVC



CARIM+HVC SYMPOSIUM 2025

Wednesday 26 November, location Minderbroedersberg 4-6

09.00	- 09.15	Coffee and welcome
09.15	- 09.35	Opening by Tilman Hackeng
		Veni, Vidi, Vici (moderator: Kristiaan Wouters)
09.35	- 09.55	Veni: Sabine Daemen - 'Macrophages to the rescue: Targeting liver fibrosis from within'
09.55	- 10.15	Vici: Uyen Nguyen - 'The implication of fibrosis on pacing therapy in heart failure'
10.15	- 10.40	Break
10.40	- 11.00	Vidi: Bart Spronck - 'The aorta as a key to personalised hypertension treatment'
11.00	- 11.20	Vici: Judith Sluimer - 'Resetting fibroblast function to rejuvenate aged vasculature'
11.20	- 11.35	Update Topsector Prevention Armand Jaminon - 'KBM2: Enhancing the impact of biomedical models at Maastricht University' (moderator: Leon Schurgers)
11.35	- 12.15	Presentations nominees Prof. R. Reneman Young Investigator Award: Anouk Achten, Ilse Huijberts and Elien Bollen (moderators: Lisa den Brok and Stan Muijtens)
12.15	- 14.00	Poster session and lunch
14.00	- 14.45	Keynote lecture Patrick van Veen - 'Monkey see, monkey do: Leadership, social cooperation and monkey business in a clinical environment' (moderator: Ingrid Dijkgraaf)
		Dutch Heart Foundation Dekkers (moderator: Joost Lumens)
14.45	- 15.05	Postdoc: Elisa D'Alessandro - 'At the edge of the atria: disentangling the crosstalk between atria and epicardial fat in atrial fibrillation'
15.05	- 15.25	Postdoc: Job Stoks - 'From myocardial infarction to ventricular arrhythmia: unraveling the temporal dynamics'
15.25	- 16.00	Break
16.00	- 17.00	Robert Reneman Lecture Henk Marquering - 'The long road to impact: Delivering on the promise of AI and digital twins in cardiovascular health' (moderator: Wim van Zwam)
		Awards & Prizes
17.00	- 17.15	Presentation winner Harry Crijns Research Grant (moderator: Harry Crijns) (sponsored by Recordati, Amgen & Hart en Vaat onderzoeksfonds Limburg)
17.15	- 17.45	CARIM awards, CARIM Priori and wrap-up
17.45		Evening celebration: Thiessen Wijnkoopers, Grote Gracht 18 Maastricht