Prof.dr. Hareld Kemps was appointed as a part-time professor of Remote Patient Management in Chronic Cardiac Care at the Department of Industrial Design at Eindhoven University of Technology (TU/e) on July 1, 2023. He will deliver his inaugural lecture on Thursday February 8, 2024.
The Executive Board of Eindhoven University of Technology cordially invites you to attend the inaugural lecture of Prof.dr. Hareld Kemps on Thursday, February 8, 2024, at 4.00 PM. The public lecture will be delivered in the Blauwe Zaal of the Auditorium. You do not need to register.

The title of the lecture is ‘Hartfalen is Topsport’

After the lecture, drinks will be served in the Senaatszaal.

All professors are invited to join in the cortège. If you would like to participate, please register in advance with the Office of Doctoral Presentations and Academic Ceremonies, phone +31 (0)40 247 37 42, email penp@tue.nl.

Prof.dr. Silvia Lenaerts
Rector Magnificus

After February 8, 2024, the text of the inaugural lecture will be available online at www.tue.nl/lectures.

Hareld Kemps (1972) obtained his medical degree at Utrecht University in 1997. In 2002, he was registered as a sports physician and, in 2009, he completed his training as a cardiologist. He received his PhD degree at TU/e in 2009 on the subject of ‘Oxygen Uptake Kinetics in Chronic Heart Failure’. He started working as a cardiologist at Máxima Medical Center in 2010, specializing in cardiac rehabilitation, sports cardiology and heart failure. Throughout this period, he combined his clinical work with research. During the early years, he worked as a part-time researcher at the department of Medical Informatics at Amsterdam University Medical Center and he became chair of the Working Group of Cardiac Prevention and Rehabilitation of the Dutch Society of Cardiology. In 2019, he was appointed as an associate professor at the Department of Industrial Design at TU/e and he joined the Eindhoven MedTech Innovation Center (e/MTIC). His research focuses on the design and implementation of new technology and care pathways that assist patients in managing their disease in their home environment and guiding healthcare professionals in tailoring treatment strategies.

About the lecture
Chronic heart failure is characterized by multiple organ dysfunctions resulting in severe fatigue and frequent exacerbations. Despite tremendous improvements in the treatment of acute cardiac disease, the number of hospital admissions is continuously increasing, with more than 30,000 hospitalizations annually and an estimated total of 250,000 people with heart failure in the Netherlands. To accommodate this surge in heart failure patients, a drastic change in the organization of healthcare is required. In this lecture, Hareld Kemps will share his research results and future vision on the role of technology and, in particular, remote patient management as a gamechanger to prevent hospital admissions and to get patients in an optimal physical and mental state. Besides novel sensor technology that will enable more accurate monitoring of disease fluctuations, other important directions will be discussed, such as telerehabilitation, clinical admission at home, artificial intelligence for risk prediction and the design of technology for elderly digitally illiterate patients.

Visiting address Auditorium, Building 1, Groene Loper, Eindhoven