

Prof.dr. Rob Janssen
April 17, 2026



INAUGURAL LECTURE

Knikkende knieën

TU/e

**EINDHOVEN
UNIVERSITY OF
TECHNOLOGY**

DEPARTMENT OF BIOMEDICAL ENGINEERING

INVITATION

Prof.dr. Rob Janssen was appointed part-time professor of Knee Reconstruction at the Department of Biomedical Engineering at Eindhoven University of Technology (TU/e) on July 1, 2025. He will deliver his inaugural lecture on April 17, 2026.

The Executive Board of Eindhoven University of Technology cordially invites you to attend the inaugural lecture of Prof.dr. Rob Janssen on **Friday, April 17, 2026, at 4.00 PM.**

The public lecture will be delivered in the Blauwe Zaal of the Auditorium. Attendance is free of charge; however, we kindly ask you to **register** two weeks in advance for all program components: the cortège and the lecture. Should you be unable to attend, the lecture will be livestreamed and available for later viewing at <https://vimeo.com/event/5696769>.

The title of the lecture is

Knikkende knieën

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

All professors, associate professors, and assistant professors are invited to join the cortège.

If you would like to participate, please **register** in advance with the Office of Doctoral Presentations and Academic Ceremonies.



Prof.dr. Silvia Lenaerts

Rector Magnificus

After April 17, 2026, the text of the inaugural lecture will be available **online**.

Rob Janssen is an orthopedic knee surgeon and academic committed to advancing personalized knee care. He studied Medicine in France, the United States, and the Netherlands (MD 1994, Orthopedic Surgery 2002, PhD 2016). Motivated by a deep interest in improving the value of patient outcomes, he studied Value Measurement in Healthcare at Harvard Business School in 2016. In 2019, he was appointed professor of Value-Based Healthcare at Fontys University of Applied Sciences and became an associate professor within the Orthopaedic Biomechanics group at TU/e. He is a past president of the Dutch Arthroscopy Society. At Máxima MC, he leads the tertiary STZ Top-clinical center of expertise for complex knee injuries as well as the European ESSKA Pediatric ACL research center. In addition, he serves as director of the orthopedic surgery residency program at Máxima MC and Catharina Hospital. Active in research since 1998, he has contributed to multiple international knee guidelines. His scientific work focuses on translational research, integrating biomechanical, biological, and imaging based insights to enhance meaningful patient outcomes.

About the lecture

Mobility is easily taken for granted, until knee function declines and walking becomes uncertain. Sports related knee injuries in young individuals create severe physical, psychological, and socio-economic burdens. At Máxima MC, orthopedic care combines clinical expertise with scientific evidence to optimize patient care. This approach is strengthened by the Brainport Eindhoven ecosystem, where healthcare, technology, and industry collaborate closely. Within the Orthopaedic Biomechanics group, engineers and clinicians collaborate in living labs on regenerative cartilage repair, patient-specific computational knee models, advanced imaging, soft tissue remodeling, and data-driven decision support for knee instability and osteoarthritis. Partnerships with hospitals and industry accelerate translation into practice. Evidence sets the direction, while individualized, value-based healthcare remains the goal. In his lecture, Rob Janssen will discuss how his clinical-academic bridge role at TU/e drives innovation to keep people active and healthy.

Contact Office of Doctoral Presentations and Academic Ceremonies, penp@tue.nl, +31 (0)40 247 37 42

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