

Prof.dr. Josette Gevers
May 16, 2024

INAUGURAL LECTURE

Smarter Tech ↔ Better Teams: A Dual Imperative

TU/e

**EINDHOVEN
UNIVERSITY OF
TECHNOLOGY**

DEPARTMENT OF INDUSTRIAL ENGINEERING & INNOVATION SCIENCES

INVITATION

Prof.dr. Josette Gevers was appointed full-time professor of Team Effectiveness and Workplace Collaboration at the Department of Industrial Engineering & Innovation Sciences at Eindhoven University of Technology (TU/e) on February 1, 2023. She will deliver her inaugural lecture on Thursday, May 16, 2024.

The Executive Board of Eindhoven University of Technology cordially invites you to attend the inaugural lecture of Prof.dr. Josette Gevers on **Thursday, May 16, 2024, at 4.00 PM**. The public lecture will be delivered in the Blauwe Zaal of the Auditorium. You do not need to register. In case you can't attend, the inaugural lecture will also be streamed live at <https://vimeo.com/event/4191370> or can be viewed afterwards.

The title of the lecture is

'Smarter Tech ↔ Better Teams: A Dual Imperative'

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 May 16, 2024, the text of the inaugural lecture will be available online at www.tue.nl/lectures.

Josette Gevers (1970) graduated in Social Psychology at Tilburg University. She completed her PhD at TU/e in 2004 on the topic of team time management. She focuses on investigating the drivers of team effectiveness in dynamic, time-critical organizational contexts, and developing (technology-based) workplace interventions to enhance synergistic and adaptive team performance. Her recent research explores the potential of smart technology (AI, robots and wearables) for team augmentation. Josette's work is funded by various national and EU grants and is published in prestigious international journals in the fields of applied psychology, organizational behavior and management. She currently (co-)chairs the Human Performance Management group and the Interdepartmental Committee HTMD and serves as an associate editor for Small Group Research.

About the lecture

Teams are the backbone of our working society. At the dawn of the 5th industrial revolution, the teamwork landscape is changing drastically. Advances in artificial intelligence have reached the point where intelligent agents, like AI and robots, are able to make goal-directed decisions autonomously. This enables them to work alongside humans, not as passive tools but as proactive teammates. Many people worry about AI and robots taking their jobs, but in a more likely scenario, they will collaborate with these intelligent agents. This partnership presents both challenges and opportunities. How can we ensure that society benefits from this collaboration while avoiding potential pitfalls associated with artificial teammates?

In this lecture, I will argue that addressing this question requires a dual imperative. Effective collaboration between humans and intelligent agents relies on smarter technology grasping the essence of teamwork. Simultaneously, the advancement of smarter technology relies on research teams mastering the art of cross-disciplinary collaboration. Meeting both requirements will pave the way for a future of teamwork that maximizes the integration of human and technological potential.

Visiting address Auditorium, Building 1, Groene Loper, Eindhoven

Navigation address De Zaaie, Eindhoven, www.tue.nl/map