

# University of the future in a regional ecosystem

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## OVERVIEW OF THE ROUNDTABLE

TU/e started a project to find new structures and business models to transform the institutional structure for supporting educational innovation in its innovation and entrepreneurial ecosystems. The central role of knowledge creation in post-industrial economies and societies has given universities the role of orchestrating multi-actor innovation networks. Universities are an increasingly important player in innovation and entrepreneurial ecosystems. However, the structure of the university is not yet adapted to this new role. In order to realize strategic partnerships with external parties, and being able to innovate within the university, the university also has to perform internal institutional transformations. How can we combine the traditional roles of educating students and developing research while also exploring new roles, education models and business models within our ecosystem? During this round table, we want to discuss our research and your view on this international challenge.

## KEYWORDS

Future university, ecosystem, system innovation, Standards: 1, 3

## ACTIVITIES

After a short introduction by the applicants (approx. 15 min) the discussion will be guided to discuss to the following questions:

- What are new business models for higher education that put the student and on-campus experience central?
- How can we optimize the core business of the university, but also explore new education models?
- How to transform the university, guided by themes such as agility and adaptability, dealing with constraints as mentioned by Ruth Graham (2018)?

## TARGET AUDIENCE

This discussion is for everyone engaged in or interested in system innovations at institutional level.

## FOLLOW-UPS

This project runs for 3 years and will lead to publication and hopefully implementation. The input in this session will be used for the TU/e plan.

## REFERENCES

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## BIOGRAPHICAL INFORMATION

**Ines Lopes Arteaga** is a Full Professor at the Dynamics and Control group of the Mechanical Engineering Department and Chair of Acoustic and Noise Control at Eindhoven University of Technology and Dean Bachelor College since 2020. In her role as Dean Bachelor College, she has the first task to redesign and refine the curriculum that is successfully implemented in 2012. With this task, the future engineer and university are an important topic.

**Isabelle Reymen** is the scientific director of TU/e innovation Space and a full Professor in the field of innovative ecosystems. She combines entrepreneurial thinking with a passion for design processes and aims for system innovation. In 2020 she became Comenius Leadership Fellow and was granted a scholarship for performing research on education innovation with a proposal entitled "Fostering Challenge-Based Learning through TU/e innovation Space". In 2021 she, and her team, were granted the first Higher Education Award in the Netherlands for the educational innovations in the past few years.

**Chantal Brans** is the program manager education innovation of TU/e innovation Space. With a broad background in educational innovation she is managing this project.

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