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# Active Learning Spaces (TEO)

A Quality Agreements project  
 Hans Beldhuis, Wytze Koopal (ESI)  
 27 May 2021



## Project goal

TEO is a Quality Agreement project for 4 years 2020-2024.

Experiment with Active Learning Spaces (ALS) that are necessary for active learning, the didactic method supporting the educational vision of the University of Groningen.

### Related goals

- design effective didactic scenario's
- implement research program Effective teaching strategies (phd student)
- optimize logistics: furniture, AV-IT, roster
- support policy development for future buildings and classrooms



## Project efforts and organization

Main efforts to improve education through innovation are aimed at

- combination of technology and pedagogy
- close collaboration between multiple disciplines and departments

Multidisciplinary team led by Hans Beldhuis

- educational experts (ESI, Wytze Koopal, Vincent de Boer, Rick Huizinga)
- real estate & architectural expertise (VGI, Ingeborg Hollak; FB, Paul Veenstra & John Timmer)
- AV-IT experts (FB, Jan-Theo Stol; CIT, Herman van Calker)
- facilities management (Arts, Rein van den Bos & Robert Rossingh)
- research (GMW, Greetje Timmerman & Bas Blom)
- rostering (FEB, Peter van Rooy & Arts, Annemieke Koning)

The first location is OBS18, former public library, for 2020-2021



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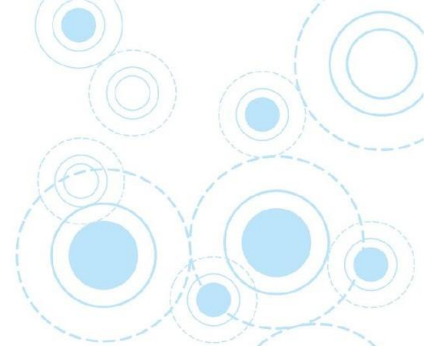
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Photo credits: Rick Huizinga,  
 Hans Beldhuis, Wytze Koopal



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September 2020 and onwards



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# September 2020 and onwards



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## Experiences

Corona pandemic had major impact during preparation and execution of project (spring 2020). Despite corona measures, teachers still were and are motivated to join.

Usage so far:

Usage of experimental rooms (2 out of 7) by 32 teachers from 8 faculties & HC

Teachers and students are quite happy.



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## Experiences: research focus - Bas Blom

Teachers in OBS18 are very enthusiastic about teaching in Active Learning Spaces!

Teaching in OBS18 seems to be more active

- be more student centered
- stimulate teachers to think about different/new teaching strategies which are more student focused
- be more challenging to teachers in terms of preparation and time



## Future expectations, in 2021 and beyond

In 2021-2022, ALS at three locations:

1. OBS18, for block 1, and maybe semester 1
2. Zernike (joint project Economics, Science and Spatial Sciences)
3. Harmonie building (candidates in building 1314 and 1313.0034)

Extend our research program

- students' perspective & experiences
- observations on teaching strategies and active learning
- developments among teachers' perspectives on teaching in ALS

Incorporation into UG Strategy (education and housing)

New Harmonie building, new Law building, Feringa building, etc.



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## Challenges for TEO in coming year(s)

1. our stakeholders:
  - a. keep multidisciplinary collaboration productive and attractive
  - b. incorporate last year good educational practices into next year
  - c. ...
2. especially towards teachers:
  - a. able to manage the workload. Are you still available to participate?
  - b. keep support tailor-made
  - c. ..
3. and which one would you like to add?
  - a. ...

If you want to join TEO next year, please let us know and we'll support you



## Contact us for more information

### CIT team Educational Innovation and Research



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educational expert



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team lead



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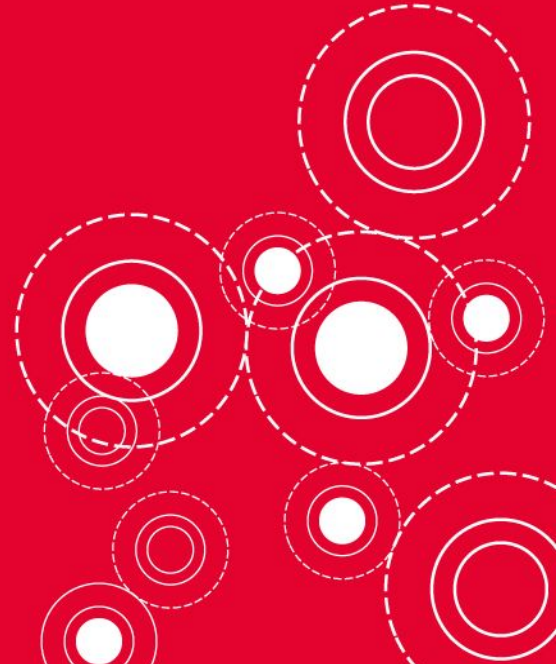


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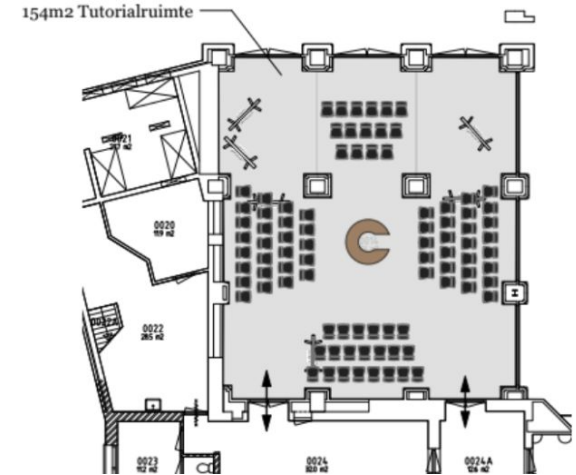
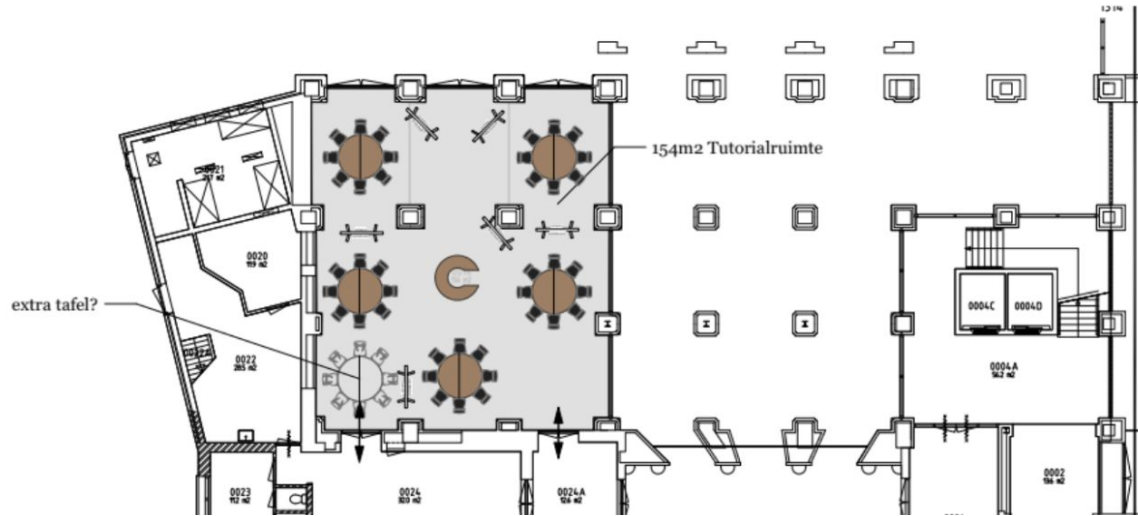
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# ALS Candidate 1314 in Harmonie building



Configuration Workgroup:  $6 \times 8 = 48$  students

Configuration Rotunda:  $15 + 26 + 21 + 26 = 88$  students

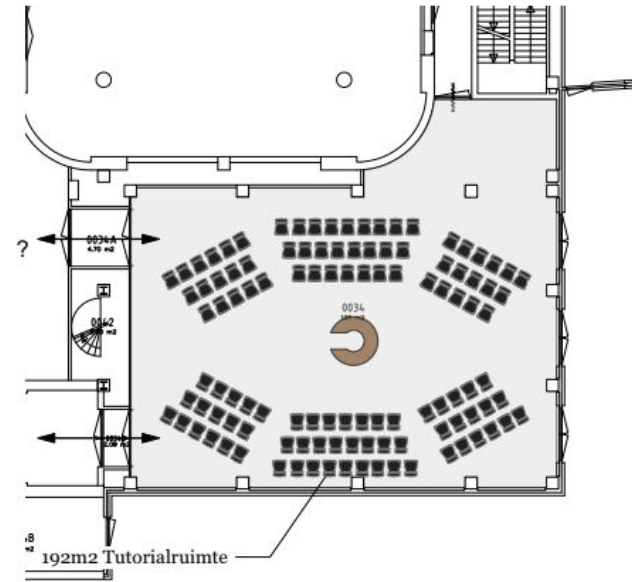
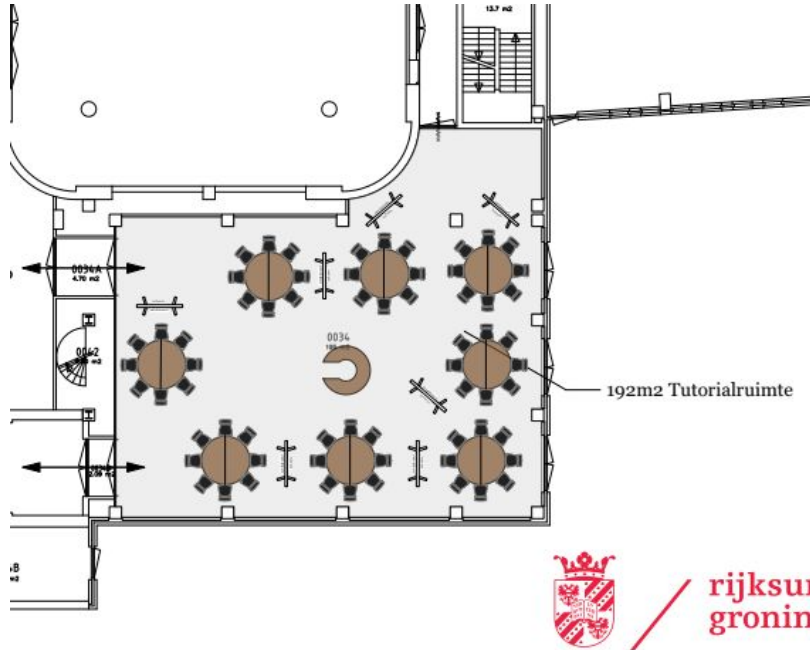


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# ALS Candidate 1313.0034 (Marie Loke) in Harmonie building



Workgroup:  $8 \times 8 = 64$  students  
Rotunda:  $(4 \times 16) + (2 \times 24) = 112$  students