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# Site visits Learning Spaces Expert meeting on teacher development

3 November 2022

SIG Learning Spaces  
University of Groningen  
ONING (ONderwijs INnovatienetwerk Groningen)



## House rules

- We are taking pictures
- No drinks and food allowed in this room (except water)
- Lunch and drinks will be served in Duisenberg plaza (where we did the registration)
- Toilets are on this floor (access via the library)
- Coats etc can be stored in this room
- 



# Official welcome

**Prof. dr. Jan Riezebos**

Full Professor Educational Innovation  
Comenius Leadership Laureate  
Faculty of Economics and Business



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## Today's programme

- University of Groningen: Where are we now?
  - Facts & figures
  - Stakeholders, participants, multidisciplinary working
  - Where are we going
- Site visits, round 1
- Lunch (12.15)
- Site visits, round 2
- Expert meeting Teacher development
- Drinks



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## What do you like most about this classroom?

In total 47 responses received.

- Spacious / (enough) space / big size: 12 entries
- Roundtables / furniture: 7 entries
- Flexible: 4 entries

Others: Atmosphere, Screens at every table, Encourages collaborative learning through the setup with round tables, Chairs with wheels, Less is more, Open







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# Active Learning Classrooms; where are we now, and what's next?

3 November 2022

Wytze Koopal, Bas Blom, Herman van Calker  
[www.rug.nl/alc](http://www.rug.nl/alc)



## Where are we now? Highlights

- Halfway through the ALC project (ends in 2024)
- Key is our multidisciplinary approach
  - Central project coordination group
  - Local (aka Faculty) leadership and support
  - Multifaculty logistics / scheduling team
  - Multifaculty edusupport team
- Support from university leadership
  - Blended Active Learning is central in university strategy, alignment is there
  - Campus-based education is and remains cornerstone
  - Most faculties have plans for Blended Active Learning; we can make that happen in practice

More info: <https://www.rug.nl/about-ug/policy-and-strategy/strategic-plan/>



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## Where are we now? Stakeholders

These stakeholders (and their expertise) are actively involved

- **Scheduling**
- **Research**
- **IT**
- **AV**
- Architects
- Housing and real estate
- Faculty boards
- Faculty educational support staff (edusupport)
- Facility management

Please also see publication of SIG Learning Spaces:

<https://www.surf.nl/en/learning-spaces/stakeholders?dst=n5424>



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## Scheduling and schedulers

- Alignment of deadlines between faculties
- Knowledge of what Active Learning entails
- Connect teacher to (faculty) edusupport
- Clear indication of ALC in scheduling system

The screenshot shows a web interface for searching locations. At the top left is the University of Groningen logo. The main section has a 'Search for' dropdown menu with radio button options: Courses, Programmes, Groups, Location (selected), Building, and Staff. Below this is a 'Search in' dropdown menu set to 'All Faculties'. A red pencil icon and the text 'SELECT FACULTY' are visible. A search input field contains the text 'ALC'. Below the input field is a list of location options, each with a checkbox: 1314.0142 ALC, 5415.0013 ALC (highlighted in green), 5433.0209A ALC, 5433.0209B ALC, BB 5161.0134 ALC, BB 5161.0165 ALC, and Marie Loke zaal ALC.



# Technical facilities - Herman van Calker

- **≈ AIRTIME**

- Device
- Airtime app
- Central management (cloud)

- (
- Physical control panel
- Touchscreen
- PC positioned behind screen
- Eduroam
- Wired network connection
- )

Groups		Duisenbergplein								
All	98/123	Status	Name	Network	Device	Version	IP	Signal	AP	Background
Present Wirelessly	11/18	<input checked="" type="checkbox"/>	Online	SA43-0208A Group 8	Ethernet	v5.1.0	129.125.11.89	📶	📶	Custom image
University College Fryslân	10/26	<input checked="" type="checkbox"/>	Online	SA43-0208A Group 10	Ethernet	v5.1.0	129.125.11.90	📶	📶	Custom image
OT	3/5	<input checked="" type="checkbox"/>	Online	SA43-0208A Group 11	Ethernet	v5.1.0	129.125.11.91	📶	📶	Custom image
Faciliteit Bedrijf	0/2	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 1	Ethernet	v5.1.0	129.125.11.81	📶	📶	Custom image
University College Groningen	11/12	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 2	Ethernet	v5.1.0	129.125.11.82	📶	📶	Custom image
UWA	0/2	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 3	Ethernet	v5.1.0	129.125.11.83	📶	📶	Custom image
Start-up City	0/3	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 4	Ethernet	v5.1.0	129.125.11.84	📶	📶	Custom image
Equator (SA36-Ken)	2/2	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 5	Ethernet	v5.1.0	129.125.11.85	📶	📶	Custom image
Mercator	2/2	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 6	Ethernet	v5.1.0	129.125.11.86	📶	📶	Custom image
Harmoniecomplex	18/21	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 7	Ethernet	v5.1.0	129.125.11.87	📶	📶	Custom image
Bernoulloborg	7/7	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 8	Ethernet	v5.1.0	129.125.11.88	📶	📶	Custom image
Duisenbergplein	10/11	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 9	Ethernet	v5.1.0	129.125.11.89	📶	📶	Custom image
Linnaeusborg	2/2	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 10	Ethernet	v5.1.0	129.125.11.90	📶	📶	Custom image
Marie Loke zaal Harmonie	7/7	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 11	Ethernet	v5.1.0	129.125.11.91	📶	📶	Custom image
Academiegebouw Huurstrat	3/3	<input checked="" type="checkbox"/>	Online	SA43-0208B Group 12	Ethernet	v5.1.0	129.125.11.92	📶	📶	Custom image



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## Where are we now?

- Testing with slightly different facilities, e.g. screens, tables
- Seven (7) classrooms currently in use, in city center and Zernike
- Multiple ALCs under construction:

Economy and Business	Duisenberg building	5	Zernike
Science and Engineering	Bernoulliborg 2nd floor	3	Zernike
Spatial Sciences	Equator, Former Printing House	2	Zernike
Behavioral & Social Sciences	Heymans building	4	City Center
Medical faculty, University College	Healthy Ageing Campus	3	City Center
Religious Studies		1	City Center



# How did teachers experience teaching in the ALC? Bas Blom

## Preparations

- “I had meetings with *educational support* to get a feel for all Active Learning Classrooms. We also had a practice session to try out practical aspects.”

## Teaching Strategies

- “I use a mix of short lectures combined with students working in groups on exercises and projects using e.g. whiteboards, assignments due every week, and a final project - again in groups”

## ALC configurations

- “I use the whiteboards, move tables and chairs A LOT during my meetings to facilitate different setups and exchanges. I also use the Polycom [webcam for hybrid education]”



## Discussions from preliminary research results

- Teachers experience student learning during their course to be **more active** in an ALC
- ALC triggers active learning **activities** (Talbert & Mor-Avi, 2019; Lasry et al., 2014)
- **Less attention** for conceptual thinking on Teaching Strategies
- Focus on **hybrid teaching** due to COVID-19 measures
- Specific properties and configurations of ALCs seem to influence activity level
- Next: student experiences and observations





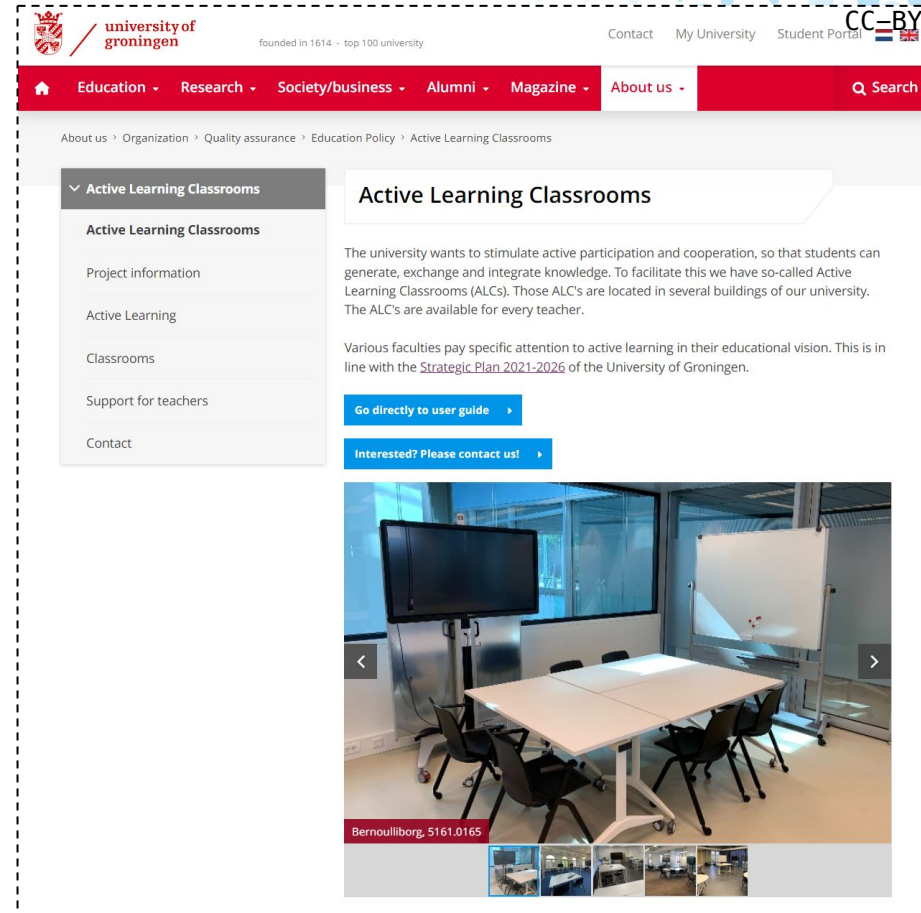
# Launched ALC website in spring 2022

- Project information
- Detailed information on the ALC's
- User guide

Goal is to inform the UG community,  
and to prepare teachers.

Please note, it's part of the Educational  
Policy pages. It's serious business!

[www.rug.nl/alcl](http://www.rug.nl/alcl)



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## Professional development for teachers (1): support

- Demo sessions and walkthroughs for teachers
  - technical as a group
  - didactical, often on individual basis
- Individual intake meetings, by an educational expert
- Extensive user guide
- Local support personnel at faculty level
- Easy to use (technical) facilities



## Professional development for teachers (2): MicroLab ALC

- Course in Brightspace
- Asynchronous preparation (theory, didactic principles, examples)
  - Analyse your own course design
  - Embed an active learning activity in your course
- Synchronous meeting on-site in an ALC
  - application
  - use of technology
  - hands-on experience
- Looking forward to your approaches and suggestions later today!



# Plans, improvements and ideas

- "Outside":
  - enforce clear ALC guidelines ('rules' and resources) per classroom
  - use room names to distinguish from "regular" rooms (*instead of 5433.0209B*)
  - incorporate more blended active learning concept to "regular" classrooms
- Inside:
  - better prep with preset floor plans (marking lines on the floor)
  - experiment with versions of IT/AV equipment and furniture
  - increase accessibility (digital as well as physical)
  - be more flexible using movable walls
- And what are your suggestions for us?



# Let's move



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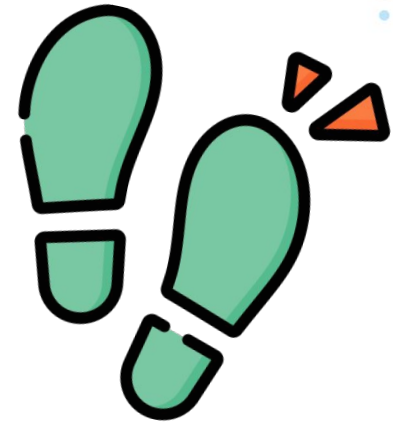
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## 11.30 Site visits - round 1

1. Hanze Makerspace
2. RUG Reality Center (max 6 persons)
3. Hanze Classroom of the future
4. Active Learning Classrooms at Bernoulliborg

Please return at 12.15 for lunch



Footprint icons created by [Freepik - Flaticon](#)



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## 12.15 Lunch

At Duisenberg plaza

Please return back to this room at **12.59**



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## 13.00 Site visits - round 2

1. Hanze Makerspace
2. RUG Reality Center (max 6 persons)
3. Hanze 'classroom of the future'
4. Active Learning Classrooms at Bernoulliborg

Please return back to this room at **13.45**



## 13.45 Wrap up site visits

What have you learned?

What do you take away to your institution?



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# Teacher development



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## 14.00 Pitches for expert meeting teacher development

### Contributions by

1. HAN University of Applied Sciences / iXperium  
(Pierre Gorissen, Pieter van Rooij)
2. University of Groningen (May Lee and colleagues)
3. Utrecht University (Len Dijstelbloem)
4. Saxion University of Applied Sciences (Judith Zwerver-Bergman)
5. Hanze University of Applied Sciences (Joanne Boonstra)





## 14.30 Questions for roundtable discussion

1. Things that I could use in my context
2. Things that I find challenging
3. What I have learnt at this table
4. What I would suggest to the presenter

## 14.30 Expert meeting teacher development - round 1

Please join a round table

1. HAN University of Applied Sciences / iXperium
2. University of Groningen
3. Utrecht University
4. Saxion University of Applied Sciences
5. Hanze University of Applied Sciences

You have 40 minutes. Please take the last 5 minutes to wrap up, and document your discussion via the whiteboard.



## 15.10 Expert meeting teacher development - round 2

Please join a round table

1. HAN University of Applied Sciences / iXperium
2. University of Groningen
3. Utrecht University
4. Saxion University of Applied Sciences
5. Hanze University of Applied Sciences

We have 40 minutes. Please take the last 5 minutes to wrap up, and document your discussion via the whiteboard.



# Please join our special interest group Learning Spaces

We now have 410 members and counting

**<https://communities.surf.nl/learning-spaces>**



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## Thanks for your visit and contributions

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