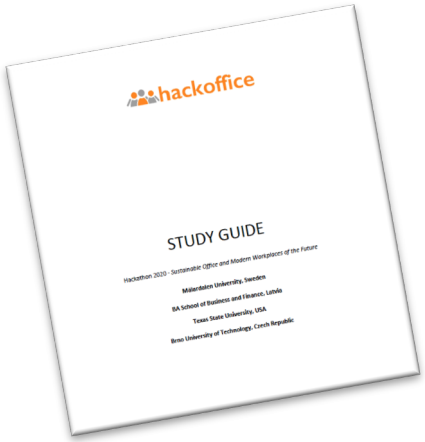
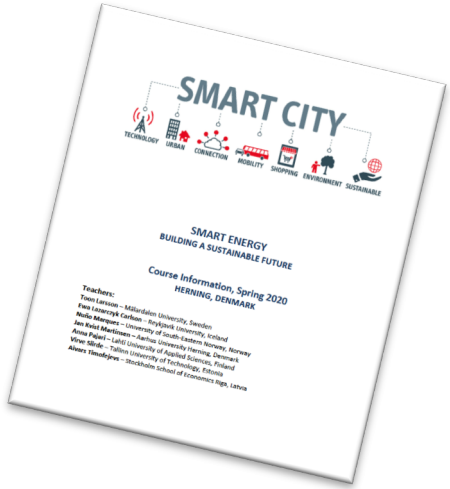
Keeping the Presence in an Online Context

Didactic Forum TH Brandenburg, 29-30 July 2020

Charlotta Edlund, M.Sc.
Mälardalen University, Sweden





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University of
Applied Sciences

Agenda

- Mdh Research and Education Strategy 2017 – 2022
  - *Digitalization*
  - *Blended learning*

  } *Spring 2020 – Covid-19*

- The Community of Inquiry (CoI) framework
  - *CoI Developed*
  - *Online Learning*

- Keeping the Presence in an Online Context
  - *Case 1: Smart Cities: Building a Sustainable Future*
  - *Case 2: Hackathon 2020 – The Hackoffice*

Mdh Research and Education Strategy 2017 – 2022

- Digitalization
  - *Blended learning*
  - *Online education*
  - *Designing modern learning environments*
    - Learning situation that promotes engagement
  - *Prepare students for future demands*
  - *Taking care of students' varied needs*

The CoI Framework

Garrison, D. R., Anderson, T., & Archer, W. (1999). Critical inquiry in a text-based environment: Computer conferencing in higher education. *The internet and higher education*, 2(2-3), 87-105.

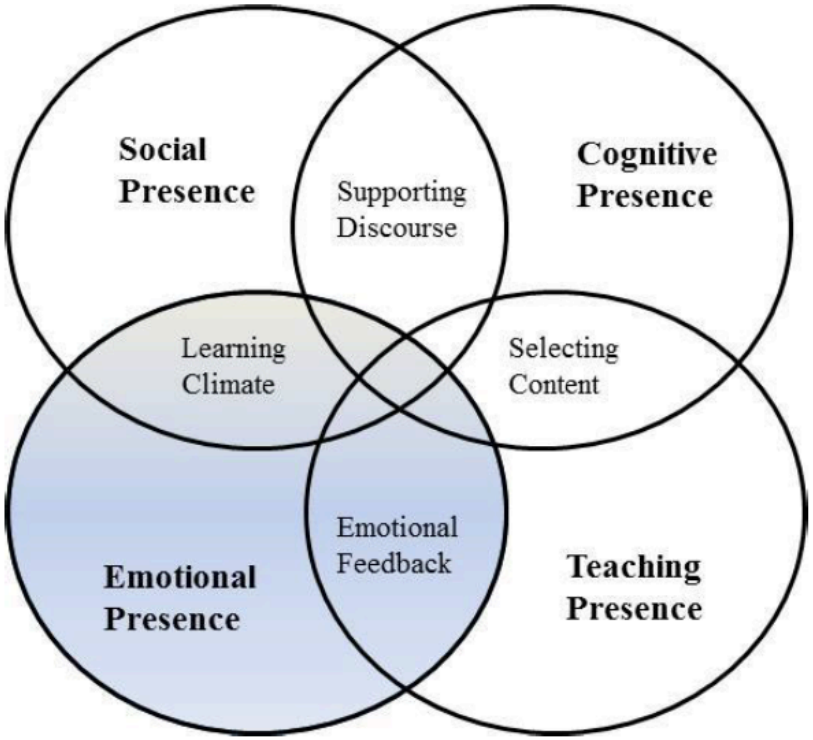
CoI Elements, Categories & Indicators

ELEMENTS	CATEGORIES	INDICATORS (examples only)
Social Presence	Open Communication	Risk-free expression
	Group Cohesion	Encourage collaboration
	Affective Expression	Emoticons
Cognitive Presence	Triggering Event	Sense of puzzlement
	Exploration	Information exchange
	Integration	Connecting ideas
	Resolution	Apply new ideas
Teaching Presence	Design & Organization	Setting curriculum & methods
	Facilitating Discourse	Sharing personal meaning
	Direct Instruction	Focusing discussion

D.R. Garrison, J.B. Arbaugh / Internet and Higher Education 10 (2007) 157–172

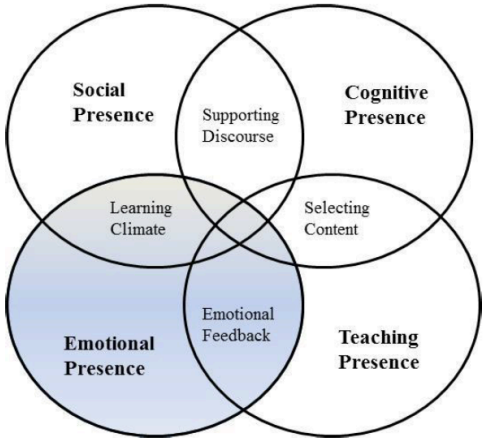
The CoI Framework…Developed

Community of Inquiry Framework for Online Learning (adapted from Stenbom et al. (2014)



In: Rienties, B., & Rivers, B. A. (2014). Measuring and understanding learner emotions: Evidence and prospects. *Learning Analytics Review*, *1*(1), 1-27.

Online learning



- Synchronous vs Asynchronous learning
- Collaborative environment – SP / CP / EP
- LMS (environment) - SP/ CP / TP / EP
- Content (curriculum) - TP
- Instruction (pedagogy) – TP / EP

Ogbonna, C. G., Ibezim, N. E., & Obi, C. A. (2019). Synchronous versus asynchronous e-learning in teaching word processing: An experimental approach. *South African Journal of Education,* 39(2).

Keeping the Presence in an Online Context – Case 1

- History of network and course
- 29 students and 8 teachers
  - *Denmark, Sweden, Norway, Finland, Iceland, Latvia, Estonia*
- April 20-24
- Synchronous learning (with asynchronous parts)
- LMS: zoom
  - *Breakout rooms for students and teachers*
  - *Continuous feedback sessions*

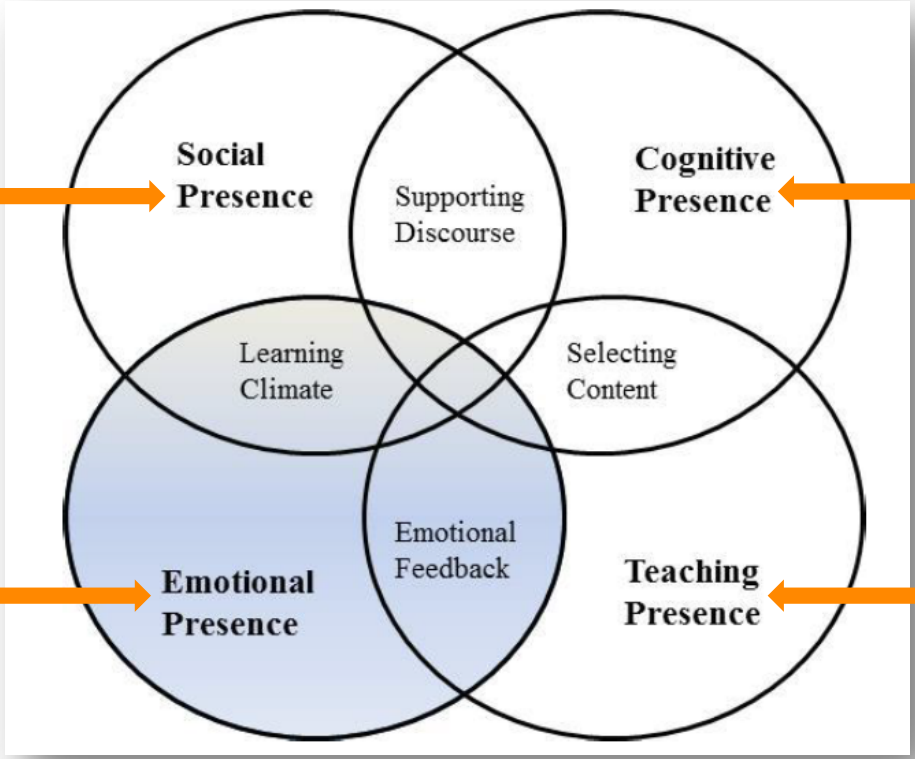
Keeping the Presence in an Online Context – Case 1

Overview Schedule Smart Cities - Building a Sustainable Future for Smart Energy. (Herning) April 20-24, 2020

Time slot (CET)	Monday April 20	Tuesday April 21	Wednesday April 22	Thursday April 23	Friday April 24	Time slot (CET)
10:00	Introduction	Welcome Adress: Head of Department	Teacher available in ZOOM for follow-up and questions / Group work	Teacher available in ZOOM for follow-up and questions / Group work	Preparation time	10:00
10:30	10:30 - Presentation Latvia	10:30 - 11:30 Guest speaker				10:30
11:00	11:00 - Presentation Finland				Presentation 1: 11:00-11:30	11:00
11:30	11:30 - Presentation Denmark	11:30 - 12:30 Guest speaker			Presentation 2: 11:30-12:00	11:30
12:00	**Lunch 12:00 - 13:00**				**Lunch 12:00 - 13:00**	12:00
12:30		Group work (incl lunch break) / Teacher prepare feedback (incl lunch break)				12:30
13:00	13:00 - Presentation Sweden				Presentation 3: 13:00-13:30	13:00
13:30	13:30 - Presentation Estonia				Presentation 4: 13:30-14:00	13:30
14:00	14:00 - Presentation Norway				**Break 14:00 - 15:00**	14:00
14:30	14:30 - Presentation Iceland					14:30
15:00	**Break 15:00 - 16:00**	Feedback Sweden / Finland	Group work	Group work	Presentation 5: 15:00-15:30	15:00
15:30		Feedback Latvia / Denmark			Presentation 6: 15:30-16:00	15:30
16:00	Presentation of IW-challenge	Feedback Estonia / Norway				16:00
16:30	Idea Generation & Team building	Feedback Iceland			Teachers evaluate IWR and IWP	16:30
17:00		Group work				17:00
17:30						17:30
18:00	Presentation of team work strategy (10 min per team)			18:00 - Hand in IWP	Feedback 1 / Feedback 4	18:00
18:30					Feedback 2 / Feedback 5	18:30
19:00			**Music Quizz Live Session** (bring your own food and drinks)	Students prepare IW-presentations / Teachers evaluate IPW reports	Feedback 3 / Feedback6	19:00
19:30					**Finale**	19:30
20:00						20:00
20:30						20:30
21:00						21:00

Keeping the Presence in an Online Context – Case 1

Personal skills
Group contract
Idea generation



Student Pre-work feb-april
Asynch reading
Intensive week tasks
Connecting ideas
Applying new ideas

Group work under pressure
Covid-19
One country dropped out

Planning Oct-April
Detailed study guide
Teacher room

Keeping the Presence in an Online Context – Case 2

https://www.primeathon.com/

- Idea generation – Aug 2019
- 17 students and 7 teachers
  - *Sweden, Latvia, Czech Republic, USA*
- 24h starting April 23 at 16:00 CET and ending April 24 at 16:00 CET
- Synchronous learning (with asynchronous parts)
- LMS: zoom
  - *Breakout rooms for students and teachers*
  - *Continuous feedback sessions*

https://www.mdh.se/en/malardalen-university/articles/students-hacked-the-sustainable-office-and-future-workplace

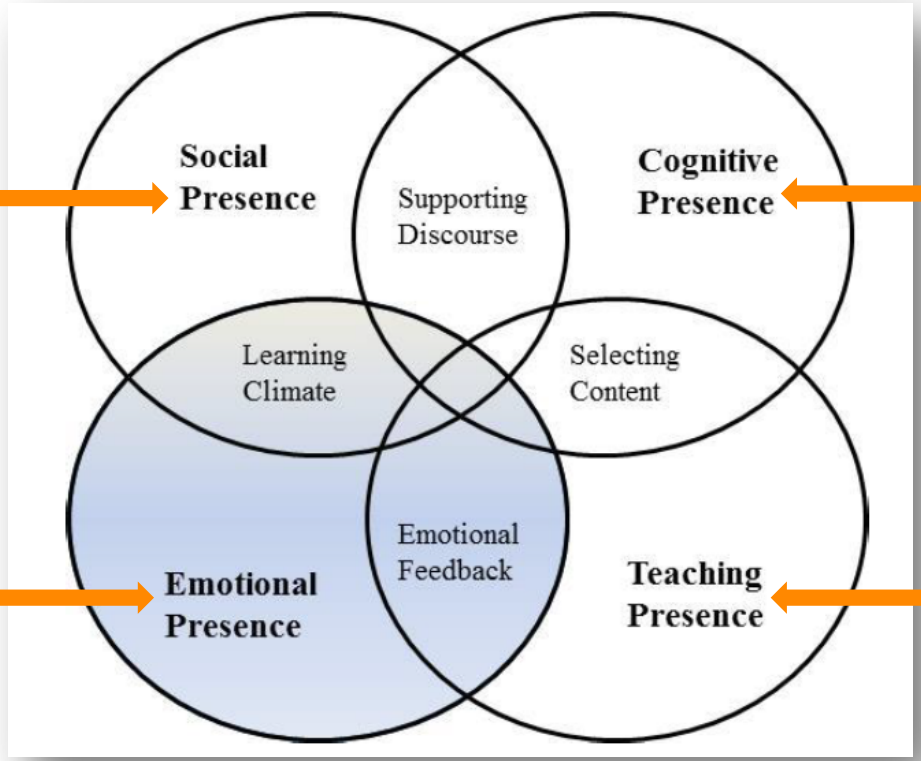
Keeping the Presence in an Online Context – Case 2

Happening	Sweden and Czech Republic	Latvia	USA	Mentor(s) available
Kick-off and intro	16:00 – 19:00 (PM)	17:00 – 20:00 (PM)	09:00 – 12:00 (PM)	ALL
Team building				
Idea Generation				
Follow-up	19:00 (PM)	20:00 (PM)	12:00 (PM)	SWE/CR 30 min
Progress report pres (5 min group)	21:00 (PM)	22:00 (PM)	14:00 (PM)	SWE/USA 30 min
Follow-up	02:00 (AM)	03:00 (AM)	19:00 (PM)	USA 30 min
First presentation (dry run)	06:00 (AM)	07:00 (AM)	23:00 (PM)	LV 45 min
Follow-up	10:00 (AM)	11:00 (AM)	03:00 (AM)	CR/LV 30 min
Hand in written report	12:00 (PM)	13:00 (PM)	05:00 (AM)	Students
Final presentation (10 min per group)	13:00 (PM)	14:00 (PM)	06:00 (AM)	ALL 1h
Jury feedback and ending	15:30 – 16:00 (PM)	16:30 – 17:00 (PM)	08:30 – 09:00 (AM)	ALL 30 min

	Thursday April 23rd	Friday April 24th

Keeping the Presence in an Online Context – Case 2

Personal skills
Group contract
Idea generation



Asynchr reading 1w before
Synchr activities 24h
Connecting ideas
Applying new ideas

Group work under pressure
Cultural clashes
Different study background
Experience

Planning Oct-April
Detailed study guide
Teacher room
Mentors 24h

hackoffice

Presenting the countri
• SWEDEN – Mälardalen University
• Charlotta Edlund & Eva Maaninen-Olsson
• Jon Eduardo, Hasitha, Biagio, Ayelen, Naomi A
• LATVIA – BA School of Business & Finance,
• Liga Peiseniece & Lilita Sparane
• Marite, Māra, Humoyunshox
• CZECH REPUBLIC – Brno University of Technology
• David Schüller & Lenka Smolikova
• Victoria, Marie, Ondřej, Jakob, Martin
• USA – Texas State University
• Rob Konopaske
• Zelor, Calvin, Nuha, Eloisa
Calvin Miller
Charlotta Edlund
Eva Maaninen Ol...
Līga Peiseniece
Lenka
Humoyunshox A...
Mara Stroksa
Jacob Bartosik
Lilita
nuhaalsaqqa
Naomi A
ayelenrojas
Elisa Lara
Marie Soukupová
Hasitha Jayasinghe
Andrew
David Schüller
Martin Ocko
Biagio Nevigato
jon vidaurreta
Zelor Massaquoi
Rob Konopaske
Mārīte Bēra
Vika Harea
Carl-Fredrik Zett...
BRNO UNIVERSITY OF TECHNOLOGY
TEXAS STATE UNIVERSITY
Stop Video
Security
Participants
25
Polling
New Share
Pause Share
Annotate
Remote Control
More
ID: 603-379-386
Stop Share
hackoffice
SAMSUNG

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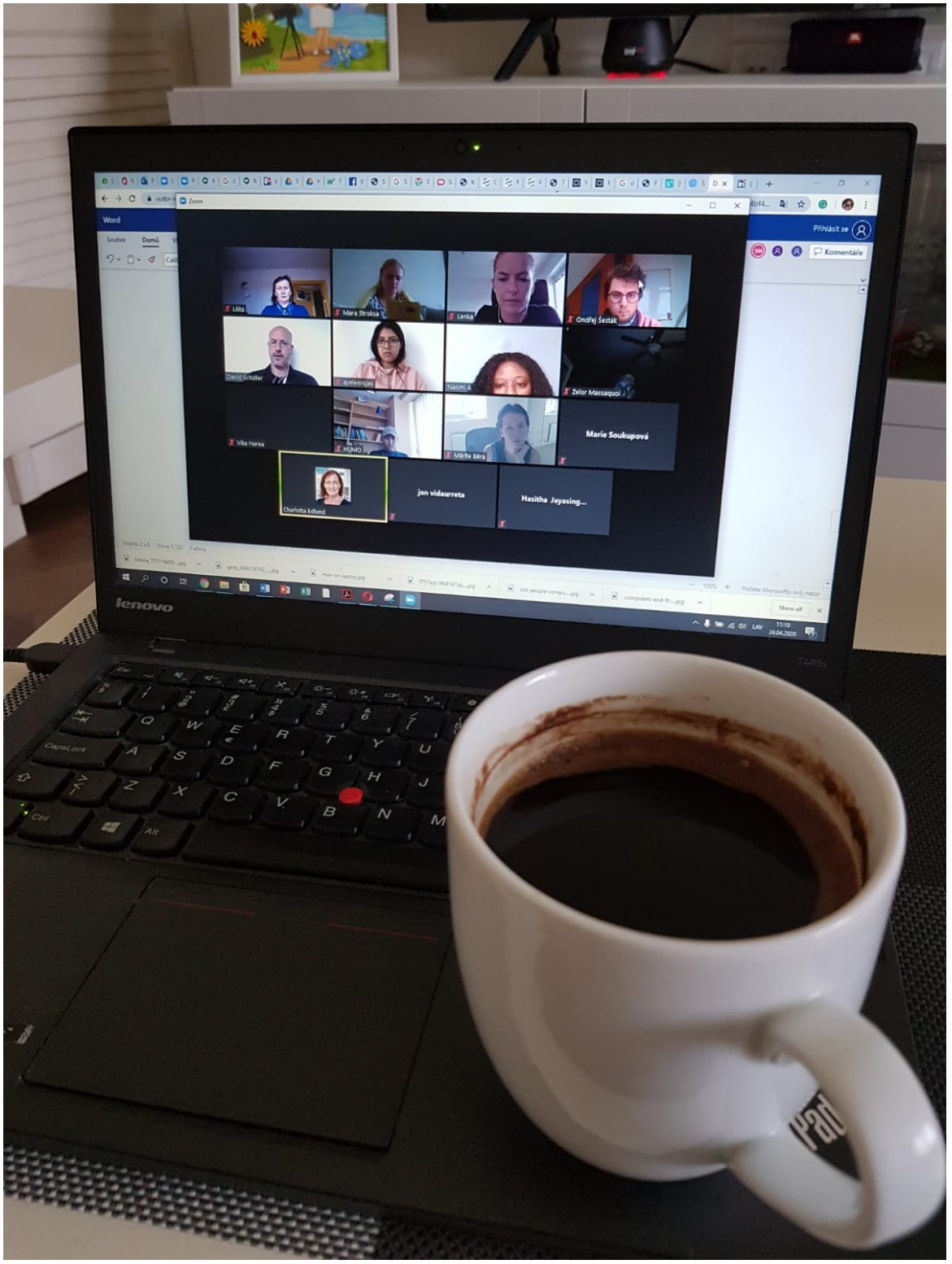

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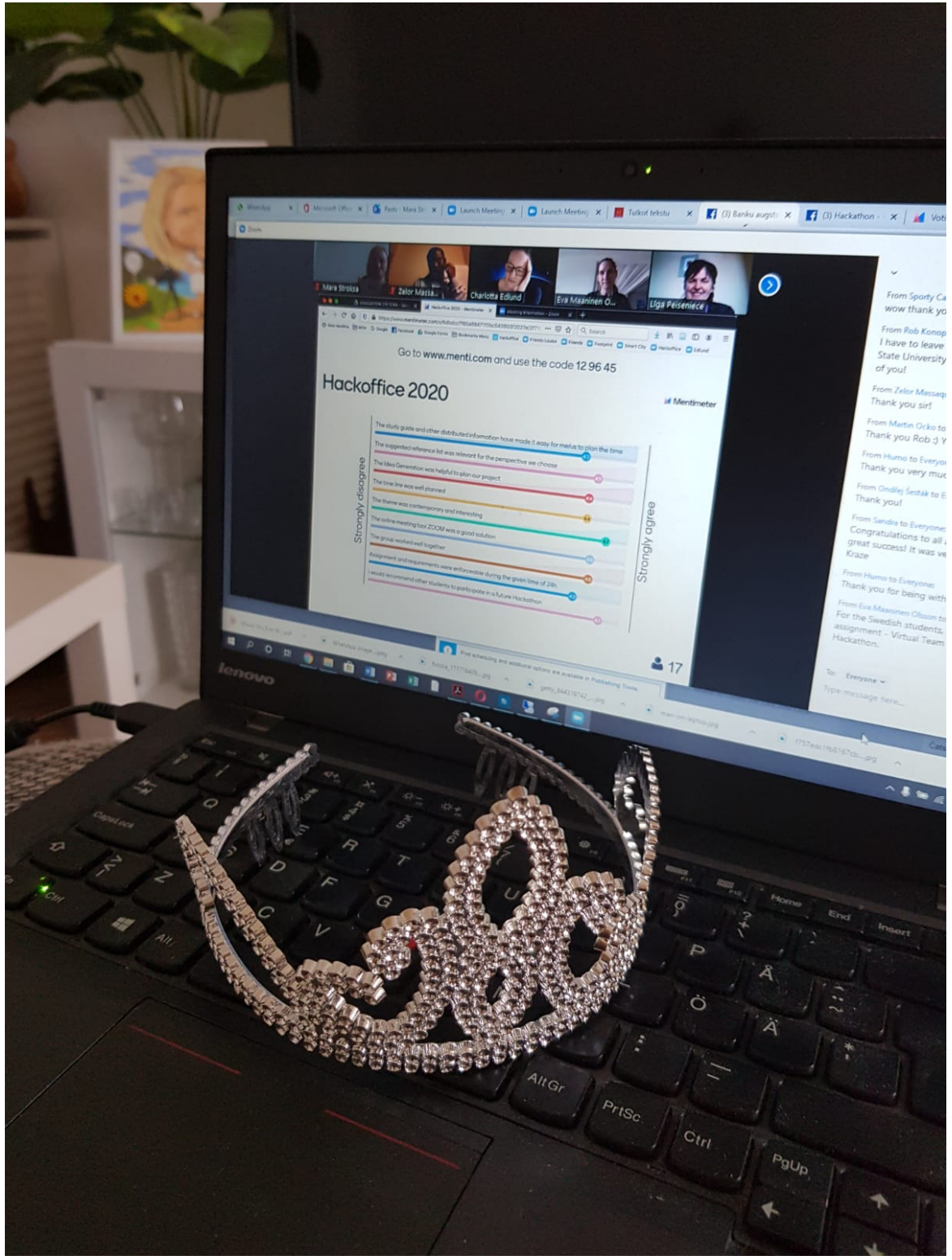

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Biagio Nevigato
Mara Stroksa
Calvin Miller
Marie Soukupová
Mute
Stop Video
Participants
4
Chat
Share Screen
Ask for Help
Reactions
Leave
Breakout Room

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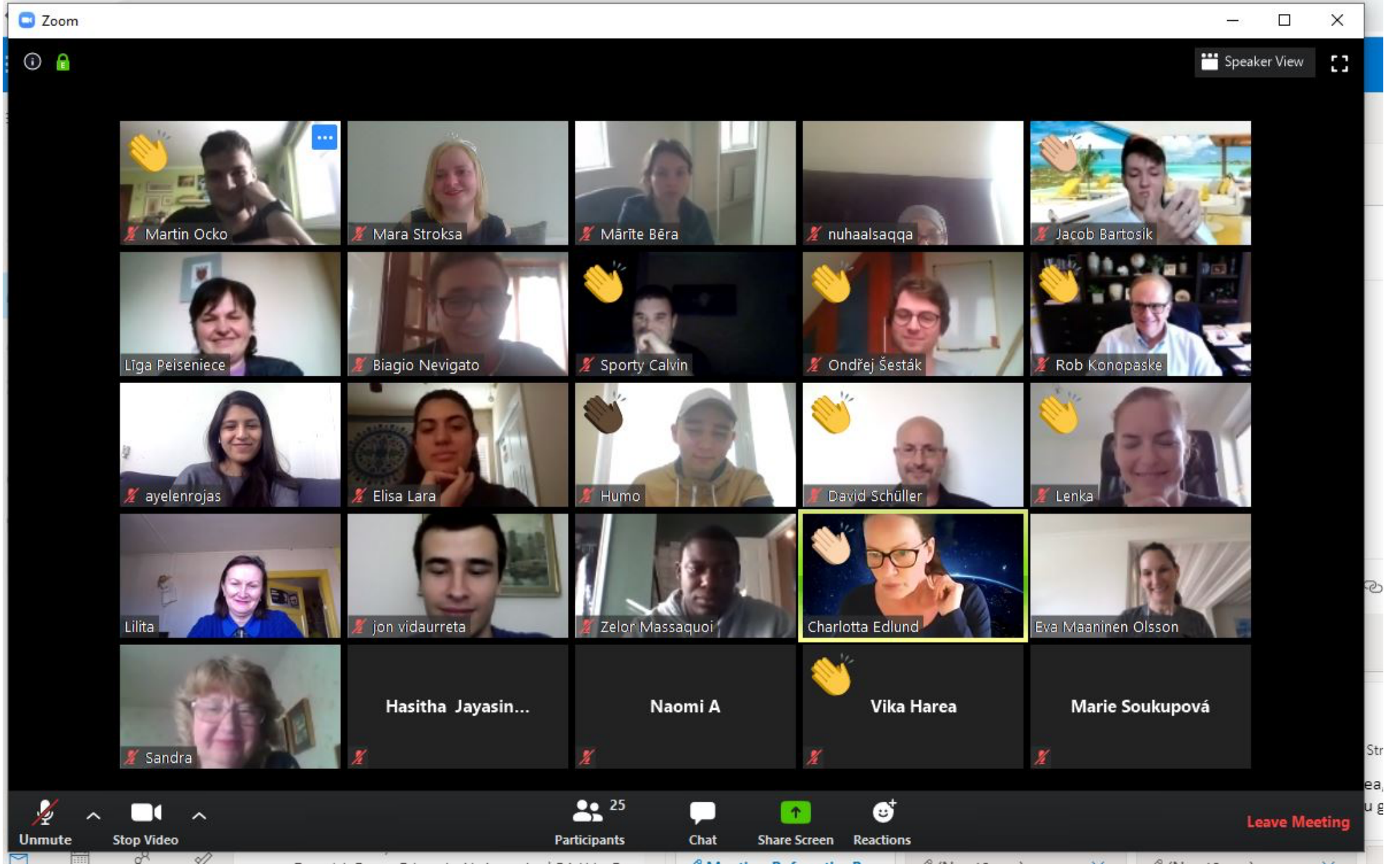
Zoom
Speaker View
Martin Ocko
Mara Stroksa
Mārīte Bēra
nuhaalsaqqa
Jacob Bartosik
Līga Pelseniece
Biagio Nevigato
Sporty Calvin
Ondřej Šesták
Rob Konopaske
ayelenrojas
Elisa Lara
Humo
David Schüller
Lenka
Lilita
jon vidaurreta
Zelor Massaquoi
Charlotta Edlund
Eva Maaninen Olsson
Sandra
Hasitha Jayasin...
Naomi A
Vika Harea
Marie Soukupová
Unmute
Stop Video
Participants
25
Chat
Share Screen
Reactions
Leave Meeting

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Ondřej Šesták
Brno University of Technology, Czech Republic
Hackathon was a great experience for me. Meeting new people, figuring out how to cooperate together, defining our project scope, working it out together and finally presenting our outcomes. This all and even more just in 24 hours! I take tons of lessons learned both from my colleagues and lecturers who were giving us their feedbacks along the way. Some moments were tough, very tough, but at the end, I remember them as good times. If you search for "life-hacks" to learn, experience and enjoy a lot in a very short time Hackathon is a perfect way you.

Three words: **Teamspirit, Determination, Experience**

Calvin Miller
Texas State University, USA
It was a well put together event. Thank you for this opportunity and this new experience. I thought this was a great use of 24 hours. At first I was sceptical but then really got into the event. Thank you so much! It was fun. I could possibly help in the future! Just keep me in reserve!"

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https://www.mentimeter.com/s/6dbdcc7f60a88471f0bc540903f2027e/2f71014e670f

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- Stenbom, S., Jansson, M., & Hulkko, A. (2016). Revising the community of inquiry framework for the analysis of one-to-one online learning relationships. *International Review of Research in Open and Distributed Learning*, *17*(3), 36-53.