



The 10th International

Learning Analytics & Knowledge Conference

~~Frankfurt, Germany~~ Cyberspace

March 23-27, 2020 #LAK20



hosted by



Leibniz Institute for Research and
Information in Education



Running an Online Conference: Insights from LAK20

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About us



Vitomir Kovanovic

- Research Fellow at Education Futures, University of South Australia
- Active in Learning Analytics, Educational Technology and Online Education Research
- Secretary of the Society for Learning Analytics Research (SoLAR)
- Program Co-Chair for LAK20 conference



Maren Scheffel

- Assistant Professor at Faculty Educational Sciences, Open Universiteit
- Active in Learning Analytics, Technology-Enhanced Learning and Online Learning
- President-Elect of the Society for Learning Analytics Research (SoLAR)
- Program Co-Chair for LAK20 and LAK21 conference

Outline of the talk

- (Very) brief description of Learning Analytics & LAK conference
- COVID-19 crisis planning
- Main challenges for moving online
- Conference restructuring
- Technical infrastructure
 - Video conferencing
 - Website
 - Communication
 - Logistics & timeline
- Areas for improvement & lessons learned
- Overall impression
- Key takeaways



What is Learning Analytics?

Learning Analytics is the field focused on using digital educational data for understanding and improving student learning

Good 2 min intro to Learning Analytics

<https://bit.ly/whatislavideo>



Learning Analytics: definition

“the measurement, collection, analysis and reporting of data about learners and their contexts, for purposes of understanding and optimising learning and the environments in which it occurs”

First International Conference on Learning Analytics and Knowledge (LAK11), 2011

What is LAK?

The International Conference on Learning Analytics & Knowledge (LAK)

- Annual academic conference in Learning Analytics (LA) field, since 2011
- Proceedings published by ACM
- Top ranked conference in educational technology (per Google Scholar rankings)
- Organised by the Society of Learning Analytics Research (SoLAR) <https://solaresearch.org>
- LAK20 → 10th anniversary at Frankfurt University, March 23-27, 2020
- Numbers were growing each year, for LAK20 expected over 500 attendees



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A big THANK YOU to LAK20 organising committee

HE
AT
DT



Christoph
Rensing



Hendrik
Drachsler



Grace
Lynch



Nina
Seidenberg



Nicole
Hoover

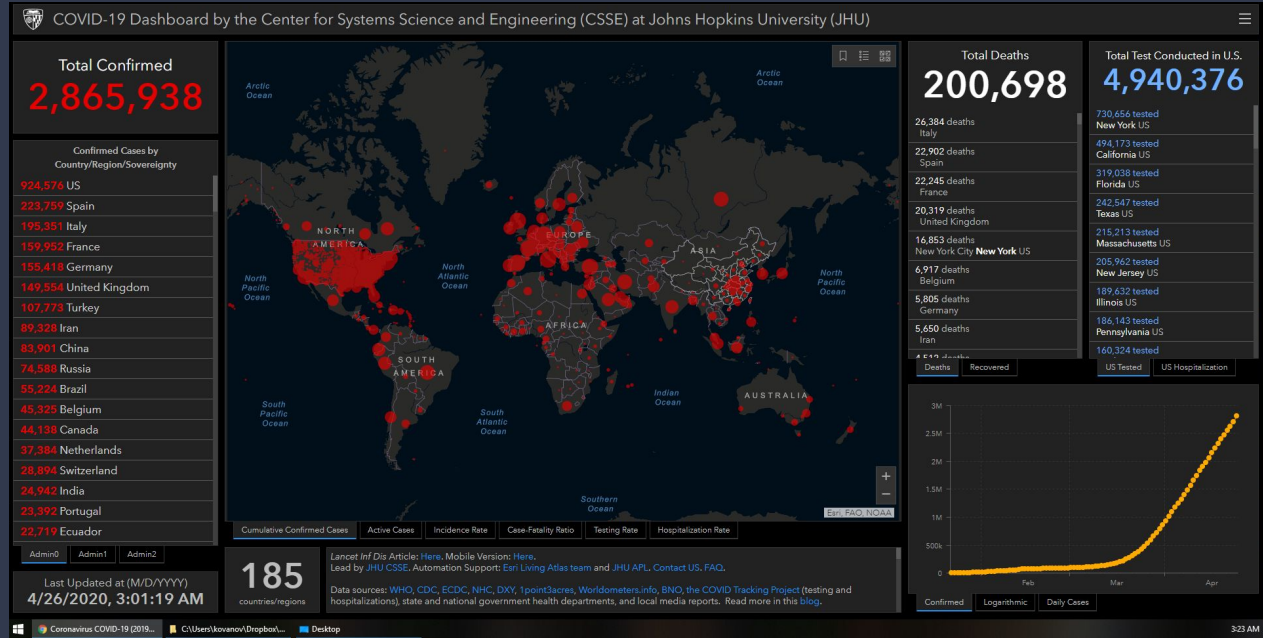
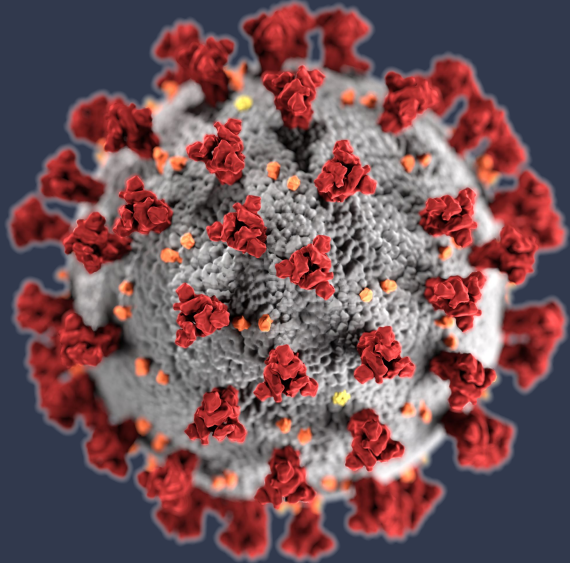


LAK20 Conference original set-up

- 5 days
- 25 pre-conference events (+ doctoral consortium)
- 50 full research papers (30 min)
- 30 short research papers (20 min)
- 12 practitioner reports (20 min)
- 2 invited papers
- 3 keynotes
- 4 parallel tracks
- 60 posters/demos

Time	Monday	Tuesday	Wednesday	Thursday	Friday
	Pre conference		Main conference		
7:30 AM	Registration (Whole day)		Registration		
8:30 AM	Full Day Workshops		Welcome and opening remarks		
8:45 AM			Keynote introduction		
9:00 AM			Keynote		
10:00 AM			Morning tea		
10:30 AM	Morning tea		Concurrent sessions: A. Co-designing Learning Analytics B. Blended Learning C. Dashboards and Visualisations D. Cognitive Psychology E. Keynote Discussion and Panel	Concurrent sessions: A. Collaborative Problem Solving B. Institutional Adoption C. Video Analytics D. Intelligent Tutoring Systems E. Keynote Discussion and Panel	Concurrent sessions: A. Learning Analytics Past and Future B. Multi-modal Learning Analytics C. MOOCs D. Linking LA and Self-regulated Learning Theory E. Keynote Discussion and Panel
11:00 AM	Full Day Workshops				
12:00 PM			Lunch		
12:30 PM	Lunch				
1:00 PM			Concurrent sessions: A. LA Tools & Infrastructures B. Participatory Design of Learning Analytics C. Learning Approaches D. Community of Inquiry Model	Concurrent sessions: A. New Domains B. Personalised Dashboards C. Course Recommender Systems D. New Methodologies	Concurrent sessions: A. Learning Design B. Text Analytics C. LA for Mathematics Learning D. Predictive Analytics
1:30 PM	Full Day Workshops				
2:30 PM			Afternoon tea		
3:00 PM	Afternoon tea		Concurrent sessions: A. Self-regulated Learning B. Curriculum Analytics C. Social Learning D. Novel Uses of Learning Analytics	Concurrent sessions: A. Mining Study Strategies B. Testing and Assessment C. Prompts and Feedback D. Methodological Considerations	Closing Panel
3:30 PM	Full Day Workshops				
4:00 PM			Departure		
4:30 PM			Networking sessions		
6:00 PM			Poster & Demo Reception	Conference dinner at Depot 1899	

COVID-19



Crisis planning

For 10 months: planning a normal F2F conference

Jan-Feb: Preparing counter measures

- Registering LAK20 with Ministry of Health
- Exploring AV setup for virtual presentations
- Buying hand sanitizers and cleaning products



March: Total chaos

Multiple COVID-19 statements by the LAK20 Organisers

- February 26: still going for the F2F event
- March 6: still going for F2F plus virtual
- March 13: fully online

How do you organise an online conference for 500+ attendees and 90 presenters in 10 days?

Researching online conferences

Most online conferences

- Mostly focused on a specific World region
- Typically one-day events
- Seem focused on cost-saving and coolness
- Organisers are also presenters
 - Presenters experienced with conference tools



LAK20

- Global conference
- Three-day main event (92 papers)
- “Invited” Presenters, not involved in the organisation
 - Limited experience with conference tools



Main challenges

- How to make the conference available to everyone around the world?
- How to make sure presenters show up?
- What to do if tech fails?
- How to arrange presentations?
- Do we have sessions or will each paper presentation be independent?
- How do we pick the time for presentations?
- How to quickly communicate with other organisers?
- Where to post all conference information?
- How to support social interactions?



Rule #1



Conference (re-)structure: Minimum Viable Product

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- **Keep the same days and “roughly” same time**
 - Most people already booked those days
 - Postponing F2F
 - Uncertain value
 - Conflict with other events/next year
 - Postponing online (to better prepare)
- **Cancel workshops and tutorials**
 - Main issue logistics with so many organisers + event being too long
 - Fully refunded
 - Organisers free to run on their own
 - Doctoral consortium organised as a full-day event independently of main conference
- **Keep main conference program**
 - Refund 50% of the registration fee
 - New registrations at the new 50% rate
 - Lost one keynote
- **Keep posters and demos**
 - Ask poster authors to provide poster PDF + short video
 - Keep poster/demo voting



Conference program (re-)structure

- Lengthen the conference day
 - We looked at registrants' countries
 - Europe main audience
 - Americas/Australasia even split
- Record and upload immediately
- Organise in sessions, but around presenters' time zones instead of topics
 - Submission forms had presenter tickbox
- Have dedicated session chairs
- Ask presenters for pre-recorded "backup" videos
 - Provided a small tutorial
<https://bit.ly/lak20recordingtutorial>

Los Angeles	New York	London	Berlin	Mumbai	Singapore	Tokyo	Sydney
Tue 1:00 am *	Tue 4:00 am *	Tue 8:00 am	Tue 9:00 am	Tue 1:30 pm	Tue 4:00 pm	Tue 5:00 pm	Tue 7:00 pm *
Tue 2:00 am *	Tue 5:00 am *	Tue 9:00 am	Tue 10:00 am	Tue 2:30 pm	Tue 5:00 pm	Tue 6:00 pm	Tue 8:00 pm *
Tue 3:00 am *	Tue 6:00 am *	Tue 10:00 am	Tue 11:00 am	Tue 3:30 pm	Tue 6:00 pm	Tue 7:00 pm	Tue 9:00 pm *
Tue 4:00 am *	Tue 7:00 am *	Tue 11:00 am	Tue 12:00 noon	Tue 4:30 pm	Tue 7:00 pm	Tue 8:00 pm	Tue 10:00 pm *
Tue 5:00 am *	Tue 8:00 am *	Tue 12:00 noon	Tue 1:00 pm	Tue 5:30 pm	Tue 8:00 pm	Tue 9:00 pm	Tue 11:00 pm *
Tue 6:00 am *	Tue 9:00 am *	Tue 1:00 pm	Tue 2:00 pm	Tue 6:30 pm	Tue 9:00 pm	Tue 10:00 pm	Wed 12:00 midnight *
Tue 7:00 am *	Tue 10:00 am *	Tue 2:00 pm	Tue 3:00 pm	Tue 7:30 pm	Tue 10:00 pm	Tue 11:00 pm	Wed 1:00 am *
Tue 8:00 am *	Tue 11:00 am *	Tue 3:00 pm	Tue 4:00 pm	Tue 8:30 pm	Tue 11:00 pm	Wed 12:00 midnight	Wed 2:00 am *
Tue 9:00 am *	Tue 12:00 noon *	Tue 4:00 pm	Tue 5:00 pm	Tue 9:30 pm	Wed 12:00 midnight	Wed 1:00 am	Wed 3:00 am *
Tue 10:00 am *	Tue 1:00 pm *	Tue 5:00 pm	Tue 6:00 pm	Tue 10:30 pm	Wed 1:00 am	Wed 2:00 am	Wed 4:00 am *
Tue 11:00 am *	Tue 2:00 pm *	Tue 6:00 pm	Tue 7:00 pm	Tue 11:30 pm	Wed 2:00 am	Wed 3:00 am	Wed 5:00 am *
Tue 12:00 noon *	Tue 3:00 pm *	Tue 7:00 pm	Tue 8:00 pm	Wed 12:30 am	Wed 3:00 am	Wed 4:00 am	Wed 6:00 am *
Tue 1:00 pm *	Tue 4:00 pm *	Tue 8:00 pm	Tue 9:00 pm	Wed 1:30 am	Wed 4:00 am	Wed 5:00 am	Wed 7:00 am *
Tue 2:00 pm *	Tue 5:00 pm *	Tue 9:00 pm	Tue 10:00 pm	Wed 2:30 am	Wed 5:00 am	Wed 6:00 am	Wed 8:00 am *

Conference program (re-)structure

- All paper presentations and breaks 30 min
 - Allows for easy jumping between tracks
 - If someone doesn't show up, no moving to the next presentation
- Assign authors to timeslots (don't ask them to pick)
 - Very important, saved us a lot of time
- Start with a keynote and close with a keynote
- Keep daily schedule as consistent as possible
- Keep the "dinner" as a social activity on the end of second day

Los Angeles	New York	London	Berlin	Mumbai	Singapore	Tokyo	Sydney
Tue 1:00 am *	Tue 4:00 am *	Tue 8:00 am	Tue 9:00 am	Tue 1:30 pm	Tue 4:00 pm	Tue 5:00 pm	Tue 7:00 pm *
Tue 2:00 am *	Tue 5:00 am *	Tue 9:00 am	Tue 10:00 am	Tue 2:30 pm	Tue 5:00 pm	Tue 6:00 pm	Tue 8:00 pm *
Tue 3:00 am *	Tue 6:00 am *	Tue 10:00 am	Tue 11:00 am	Tue 3:30 pm	Tue 6:00 pm	Tue 7:00 pm	Tue 9:00 pm *
Tue 4:00 am *	Tue 7:00 am *	Tue 11:00 am	Tue 12:00 noon	Tue 4:30 pm	Tue 7:00 pm	Tue 8:00 pm	Tue 10:00 pm *
Tue 5:00 am *	Tue 8:00 am *	Tue 12:00 noon	Tue 1:00 pm	Tue 5:30 pm	Tue 8:00 pm	Tue 9:00 pm	Tue 11:00 pm *
Tue 6:00 am *	Tue 9:00 am *	Tue 1:00 pm	Tue 2:00 pm	Tue 6:30 pm	Tue 9:00 pm	Tue 10:00 pm	Wed 12:00 midnight *
Tue 7:00 am *	Tue 10:00 am *	Tue 2:00 pm	Tue 3:00 pm	Tue 7:30 pm	Tue 10:00 pm	Tue 11:00 pm	Wed 1:00 am *
Tue 8:00 am *	Tue 11:00 am *	Tue 3:00 pm	Tue 4:00 pm	Tue 8:30 pm	Tue 11:00 pm	Wed 12:00 midnight	Wed 2:00 am *
Tue 9:00 am *	Tue 12:00 noon *	Tue 4:00 pm	Tue 5:00 pm	Tue 9:30 pm	Wed 12:00 midnight	Wed 1:00 am	Wed 3:00 am *
Tue 10:00 am *	Tue 1:00 pm *	Tue 5:00 pm	Tue 6:00 pm	Tue 10:30 pm	Wed 1:00 am	Wed 2:00 am	Wed 4:00 am *
Tue 11:00 am *	Tue 2:00 pm *	Tue 6:00 pm	Tue 7:00 pm	Tue 11:30 pm	Wed 2:00 am	Wed 3:00 am	Wed 5:00 am *
Tue 12:00 noon *	Tue 3:00 pm *	Tue 7:00 pm	Tue 8:00 pm	Wed 12:30 am	Wed 3:00 am	Wed 4:00 am	Wed 6:00 am *
Tue 1:00 pm *	Tue 4:00 pm *	Tue 8:00 pm	Tue 9:00 pm	Wed 1:30 am	Wed 4:00 am	Wed 5:00 am	Wed 7:00 am *
Tue 2:00 pm *	Tue 5:00 pm *	Tue 9:00 pm	Tue 10:00 pm	Wed 2:30 am	Wed 5:00 am	Wed 6:00 am	Wed 8:00 am *

Result

- Over 90 registrants for the new “virtual” format
- Tech worked (almost) perfectly
- Two tracks instead of four
- Some presenters changed (no travel costs)
- More attendees at each session
 - Previously ~ 30 people per paper presentation
 - This year, typically ~ 50-60 per paper presentation
 - At some sessions over 120 people
- Everyone could present
 - Only two request to change time
 - Only 4 pre-recorded talks



Nia Dowell
@NiaDowell

Really enjoying the first virtual
[#LAK20](#) [#sharemyselfie](#)
[@lak20frankfurt](#) thank you for all of
the hard work/ no sleep that went into
creating this!

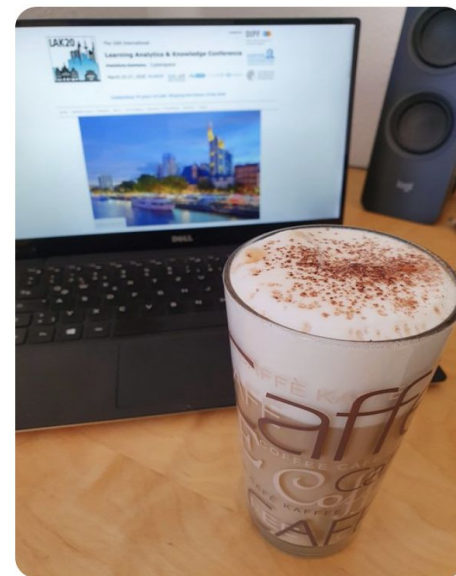


Nia Dowell



René Röpke
@roepkix

Participating in the first online
[#LAK20](#) means providing your own
coffee [#HomeOffice](#) [#StayHome](#)



Impressions

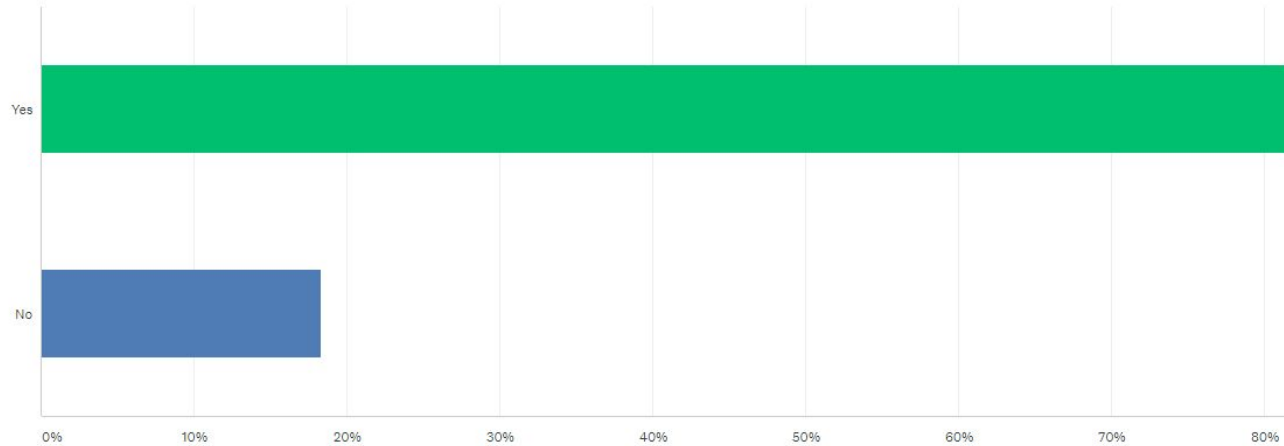
Overall, how would you rate the value of the conference to you in your university/school/organisation role?

Answered: 148 Skipped: 2



For those who were able to participate in the virtual conference, would you register for another one in the future?

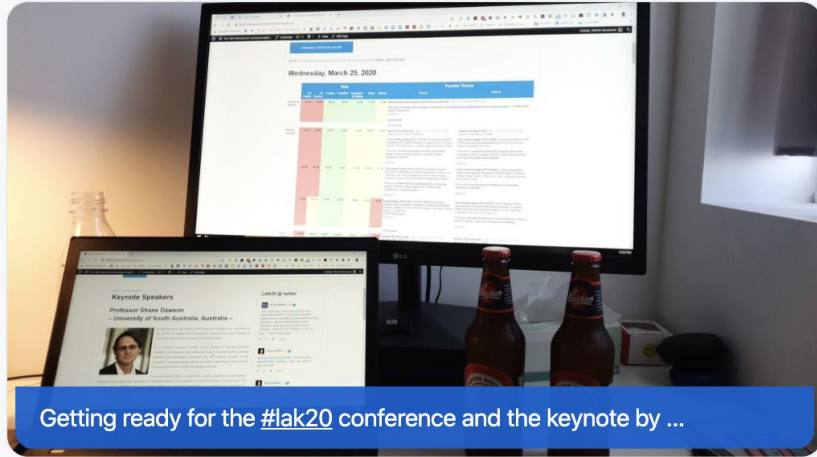
Answered: 142 Skipped: 8



Very High High Moderate Slight Not at all



Vitomir Kovanović @vkovanovic · Mar 25

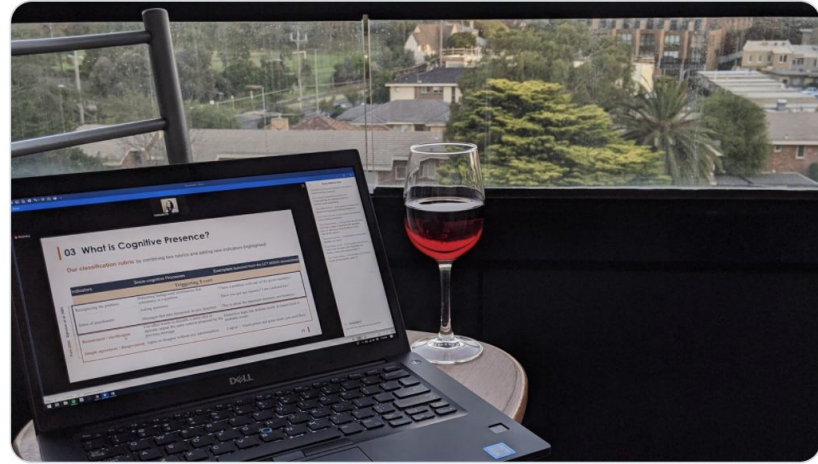


Getting ready for the #lak20 conference and the keynote by ...



Kayley Lyons @KayleyLyons · 6h

Settling into my first session of online #LAK20. The session started early in Germany - but here in Melbourne - it is time for sunset and wine on the balcony! @lak20frankfurt





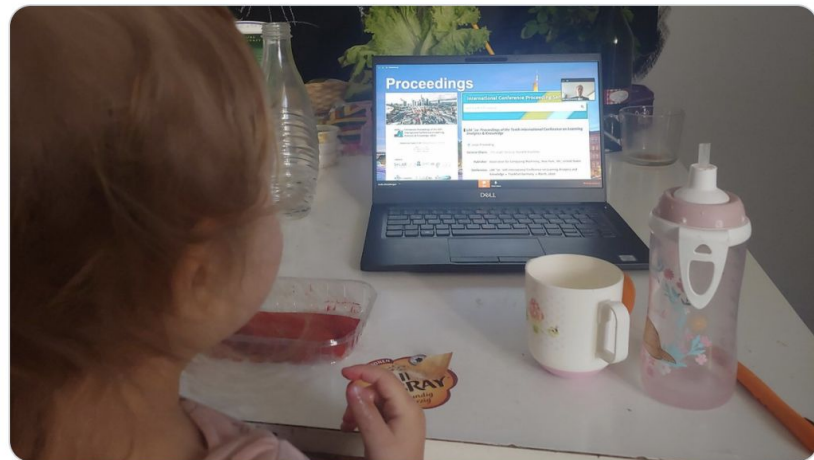
HDrachslers @HDrachslers · 17m

Working on the #LAK20 dinner for the conference social night, while watching sessions, quite demanding these #onlineconferences for the local host 😞 bring your drinks to raise the glass for 10 years of #LearningAnalytics



KaLe Blomquist @KarstenLensing · Mar 25

We are #curious about getting to know the #community @ our first (fully online) conference on #LearningAnalytics - thank you organizers of the #LAK20 for accompanying our breakfast!





Inge Molenaar @Inge_molenaar · 45m

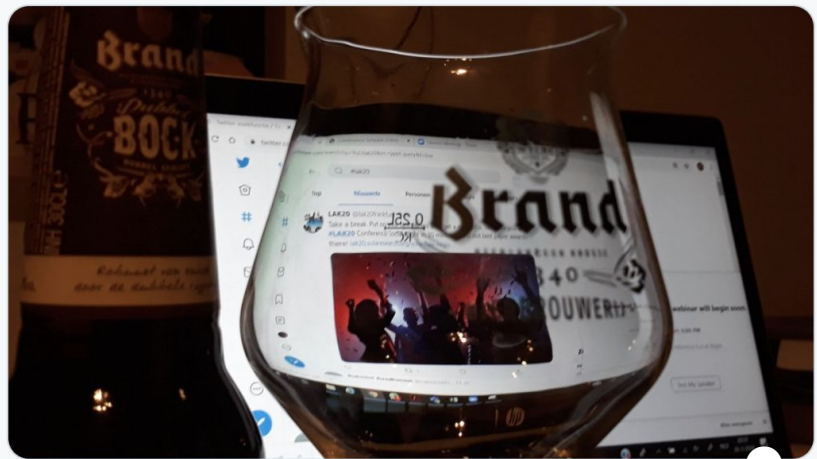
Replying to @lak20frankfurt

new contestant #lak20 Happy 10th Birthday!



Marcel Schmitz @marcelschmitz · 15m

Getting ready for the social event of #lak20 @lak20frankfurt



Technical infrastructure



- Use Zoom as main conferencing platform
 - We had most experience with Zoom
 - More used than WebEx/GoToMeeting
 - Not locked to institution (like Teams)
 - Used “Webinar” extension to Zoom

 - Did extensive testing of Zoom Webinar functionalities



- Used Slack for communication among organising team and with session chairs



- Use original conference WordPress website for everything else
 - Conference schedule and Zoom URLs
 - Attendee/presenter information
 - Discussion boards
 - Poster/demo voting
 - Video recordings

 - Worried whether our WordPress installation would sustain the load



Video conferencing setup

- Used SoLAR's "group" Zoom account
 - Two tracks - two support people
 - Both part of SoLAR's Zoom account
- One person created all Zoom Rooms
 - Make sure settings are the same for all sessions
 - Other person added as a "co-host"
 - Made sure both have the same Zoom settings
 - Did not use QA (to make things simple)
 - Used practice session to test AV
- Presenters:
 - Invited as "panelists" to their session
 - Enter Zoom room via email link
 - Should arrive 15-30 min earlier to test AV



- Attendees:
 - Attendees enter via link posted in the schedule webpage
 - Muted upon entry, can't unmute
 - Can't share video/screen
 - Raise hand if they want "mic" or write questions
- Session chairs:
 - Also invited as "panelists"
 - Enter Zoom room via email link
 - Promoted to co-chairs upon entry (for mute/unmute)
 - Facilitate QA (read questions from chat & mute/unmute)
 - Keep track of time and post 5/1/0 min in the panelist chat

Video conferencing setup

- Technical support in each zoom room all the time
 - Making sure everything is OK
 - Email presenters if they do not show up
 - Record presentations
 - In contact with the rest of the team via Slack



- Video recordings:
 - Stored in the cloud (Local recording blocks Zoom App while the recording is being processed)
 - Started/stopped after each talk to make separate recordings for each presentation
 - Did not include QA (mistake)
 - Cloud recording URL shared with Frankfurt University Team who uploaded recordings to their media server
- Sessions open 30 min earlier
 - Presenters should join early and test AV in the “Practice Mode” (must be enabled)
 - Presenters emailed immediately if they didn't show up



Logistics & timeline

Create Online Program

1. Create a draft program (based on presenter timezone)
2. Email presenters to
 - Confirm allocated time slot
 - Ask to pre-record sessions
 - Sign consent form for publication of video
3. Finalize conference program (email again ones that did not confirm)

Define session support

4. Identify session chairs
5. Invite org team and session chairs to slack
 - One channel for org team
 - One channel for session-chair support

Tech setup

6. Create Zoom Rooms
7. Create/update conference website
8. Create website accounts for attendees/presenters (or automate)

Provide training

9. Book training sessions for presenters and session chairs
 - Several sessions due to short notice + multiple time zones

Logistics & timeline

Communicate with attendees, presenters and chairs

10. Email all attendees with attendance info
 - Tech information
 - Username/password for conference website
 - Other stuff (ACM download link)
11. Email all presenters with presenter info
 - How to join sessions
 - Remind for pre-recordings
 - Inform about training sessions
12. Email session chairs
 - How to chair sessions
 - Inform about training sessions

Final preparations

13. Run training sessions
14. Add Zoom URLs to conference schedule (24 hr before the conference start)
 - Reduces chances for Zoombombing
15. Hope for the best :)

Conference website (https://lak20.solaresearch.org)

- Required login (created for each attendee)
- Single place for information
- Public program without Zoom URLs
- Private program with Zoom URLs

- Info Board - Dedicated for “urgent” information
- Media Gallery - place with posters/demos and presentation recordings
- Group chat rooms - unmonitored places for chat



The screenshot displays the conference website's navigation menu and a partial view of the schedule. The navigation menu includes links for Home, Attendee Corner (highlighted), Schedule, About, Call for Papers, and Keynotes. The Attendee Corner dropdown menu lists various options: Info Board, Attendee Information, Presenter Information, Conference Schedule, Media Gallery, Discussion Board, Group Chat Rooms, LAK20 Mobile App, LAK20 Posters, Best demo voting, Best poster voting, Welcome from the Goethe-University Frankfurt, Welcome from the TU Darmstadt, Edit Profile, and Avatar upload. The background shows a section titled 'Schedule (Online)' with a date '5, 2020' and a table of times for different locations: Singapore & Beijing, Tokyo, and Sydney. A table at the bottom shows a timeline with colored blocks for 01:00-04:00 (red), 08:00-09:00 (green), and 16:00-17:00 (yellow), with a 'Welcome' event at 19:00.

Group chat rooms

[Home](#) › [Group Chat Rooms](#)

Group Chat Rooms

As a way to enable social communication, we have two open zoom rooms. Those rooms are open every day so everyone can share their video & audio. You can also use it to share files with other conference attendees. The rooms will open each day 2hr before the conference starts and be open 2hrs after conference ends.

Coffee Machine

Zoom URL: <https://zoom.us/j/555900798>

Bench in the Sun

Zoom URL: <https://zoom.us/j/244444444>



Conference website – technical details

- Online discussions
 - bbPress + bbPress Members Only plugins
- Automating user accounts creation
 - Import Users from CSV plugin
- Poster/demo voting
 - Poll Maker plugin
- Enabling users to edit profiles and
 - Profile Builder + Profile Builder - Customization Toolbo: Add-On plugin
 - WP User Avatar plugin
- Enabling access to registered users
 - User Menus plugin
 - Profile Builder plugin



Home > Forum > LAK20

LAK20

Home > Forums > LAK20

Viewing 29 topics - 1 through 29 (of 29 total)

Topic

Introduce yourself | 1 | 2

Started by: Vitomir Kovanovic

Happy 10th anniversary to LAK!

Started by: Yi-Shan Tsai

Zoom questions

Menu structure

Menu Name:

Drag each item into the order you prefer. Click the arrow on the right of the item to reveal

Home Custom Link ▼

Attendee Corner Custom Link ▲

URL

Navigation Label
Attendee Corner ▼

Who can see this link?

Choose which roles can see this link
 Choose which roles won't see this link

Administrator Editor Author
 Contributor Subscriber Keymaster
 Moderator Participant Spectator

Profile Builder Content Restriction

Display Options

Type of Restriction Settings Default Message Redirect

Display For Logged In Users Administrator Editor Author Contributor Subscriber

Checking only "Logged In Users" will show this page to all logged in users, regardless of user role.
Checking any user role will show this page only to users that have one of those user roles assigned.

Restriction Messages

Enable Custom Messages Check if you wish to add custom messages for this page.

Are Forum Networks Social Networks? A Methodological Perspective 1 1 1 month ago vege or k
Started by: Aleksandra Demet Abstract

Schedule page <https://lak20.solaresearch.org/schedule>

Pay attention to usability

- **Consistent session times**

- Early morning: 09:00 - 10:30
- Morning: 11:00 - 12:30
- Early Afternoon: 13:00 - 14:30
- Afternoon: 15:00 - 16:30
- Late Afternoon: 17:00 - 18:30
- Evening: 19:00 - 20:30

- **Time zone conversion**

- Display multiple time zones
- Provide .ics calendar file

Wednesday, March 25, 2020

	Time							Parallel Tracks	
	US Pacific	US Eastern	London	Frankfurt	Singapore & Beijing	Tokyo	Sydney	Track A	Track B
Conference opening	01:00	04:00	08:00	09:00	16:00	17:00	19:00	Welcome and Opening Keynote (90 min) (Zoom URL: https://zoom.us/j/976664501) Keynote: Professor Shane Dawson, University of South Australia, Australia (60 min): Learning Analytics – A Field on the Verge of Relevance? <i>Abstract</i> Keynote QA	
								30 Min Break	
Morning sessions	03:00	06:00	10:00	11:00	18:00	19:00	21:00	Session A1 (Zoom URL: https://zoom.us/j/755020755) <i>Session Chair: Vitomir Kovanovic</i> Short research paper A1-P1 (#215): "Evaluating Teachers' Perceptions of Students' Questions Organization" by <i>Fatima Harrak, François Bouchet, Vanda Luengo and Pierre Gillois</i> <i>Keywords:</i> teacher's perception, question organization, student's need, student's question, student's profile, pedagogical interest <i>Abstract</i>	Session B1 (Zoom URL: https://zoom.us/j/421279563) <i>Session Chair: Maren Scheffel</i> Full research paper B1-P1 (#44): "Comparing Teachers' Use of Mirroring and Advising Dashboards" by <i>Anouschka van Leeuwen and Nikol Rummele</i> <i>Keywords:</i> cooperative/collaborative learning, elementary education, human-computer interface, improving classroom teaching, teaching/learning strategies <i>Abstract</i>
	03:30	06:30	10:30	11:30	18:30	19:30	21:30	Full research paper A1-P2 (#133): "Predicting Student Success in a Blended Learning Environment" by <i>Steven Van Goidsenhoven, Daria Bogdanova, Galina Deeva, Seppie Vanden Broucke, Jochen De Weerd and Monique Snoeck</i> <i>Keywords:</i> blended learning, grade prediction, e-learning, machine learning, logistic regression, random forest classification, learning analytics <i>Abstract</i>	Short research paper B1-P2 (#183): "Learning analytics dashboards: the past, the present and the future" by <i>Katrien Verbert, Xavier Ochoa, Robin De Croon, Raphael Dourado and Tinne De Laet</i> <i>Keywords:</i> learning analytics dashboards, visualisation, interaction, evaluation <i>Abstract</i>
	04:00	07:00	11:00	12:00	19:00	20:00	22:00	Invited paper A1-P3 (#-1): "DAS3H: Modeling Student Learning and Forgetting for Optimally Scheduling Distributed Practice of Skills" by <i>Benoît Choffin, Fabrice Popineau, Yolaine Bourdis, Jill-Jënn Vie</i> EDM'19 best paper <i>Abstract</i>	Full research paper B1-P3 (#78): "How working memory capacity limits success in self-directed learning: a cognitive model of search and concept formation" by <i>Paul Seitlinger, Abida Bibi, Orne Uus and Tobias Ley</i> <i>Keywords:</i> Self-directed learning, Concept formation, Working memory capacity, Cognitive-computational modeling <i>Abstract</i>

Areas for improvements – easy

- **QA Recording:** there were some really good, really bad we did not record

“Whilst [in person] presenters could see the number of participants, it was a different experience presenting to a “blank” room.”

- **QA Chat:** Consider use of QA functionality in Zoom.
 - Attendees can upvote questions
 - Especially good for keynotes due to limited QA time

*Hazel Jones (Griffith University),
Linda Corrin (Swinburne University of Technology) and
Srecko Joksimovic (University of South Australia)*

<https://bit.ly/ascilitelak20>

- **Attendee count:** enable participants to see the count of attendees
 - Can feel sometimes like watching youtube videos all alone

There is no setting for this, only option during the webinar

Areas for improvements – moderate

- **Mingling after talks:** Allow people to chat after the presentations
 - Extend sessions for 15 min, shorten the preparation session to 15 min
 - Overlapping sessions too expensive (doubles Zoom Webinar Room costs)

“We would recommend for future conferences that sessions remain open for 10 minutes following any Q&A to allow networking and continuation of discussions”

*Hazel Jones (Griffith University),
Linda Corrin (Swinburne University of Technology) and
Srecko Joksimovic (University of South Australia)*

<https://bit.ly/ascilitelak20>



Areas for improvements – hard

“This was something we all found was missing during LAK20. While technically there was a conference social hour in place of the conference dinner (which was very early morning for us in Australian time zones), this didn’t quite provide the spontaneous connections that often emerge when you put a large number of people together in a physical space”

*Hazel Jones (Griffith University),
Linda Corrin (Swinburne University of Technology) and
Srecko Joksimovic (University of South Australia)*

<https://bit.ly/ascilitelak20>

- Challenges:
 - Happen in parallel to the “main event”
 - Very ad-hoc
- More social interactions
 - Use breakout rooms or similar functionality
 - Afraid people would be confused
- More prominent Posters and Demos
 - They were available, but the lack of a dedicated poster & demo session made them a bit on the side



Our overall impression

Significant advantages over face-to-face conferences:

- Far less CO2 used
- Much cheaper overall
- No need for travel
- Supports
- Everything
- Fewer people
- university

"I really hope it will be virtual again next year. I don't want to fly to California (not good for the world), but if its (also) virtual, I would attend. I enjoyed it very much."

Substantial disadvantages as well:

- Much higher technology costs
- Need for very careful communication
- Hard to coordinate with many presenters

dees engaged
unities
rooms might be a solution
ds-on activities

- ALT events have three types of activities
 - Webinars
 - Tweetchats
 - Edit-a-thons
- How to do a data analytics hands-on tutorial?

Key takeaways

- Make sure to have good technical team and plan long in advance
- Know your presenters and audience
- Allow participation from people around the world
- Time zones are not your friend - treat them with care
- Explore and test the functionalities of the selected conference platform
- Provide training opportunities for presenters (they might have never used the platform)
- Be very careful and clear in your communication
- Plan for the emergency situations
 - Pre-recorded presentations
 - Communication channels
 - Secondary internet connection
- Find ways to engage the audience
 - Breakout rooms
 - Mingling after talks
 - Hallway places (bench in the sun and coffee machine)
 - Online discussions/twitter

Thank you

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Q & A

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