



# Earli

## Newsletter

### June 2021

SIG 20-INQUIRY LEARNING / NEWSLETTER

ISSUE 9

## Editorial

by Ingo Kollar, Koen Veermans (SIG Coordinators) & Yiannis Georgiou (JURE SIG Coordinator)

Dear members of EARLI SIG 20,

We are happy to announce our 9<sup>th</sup> newsletter.

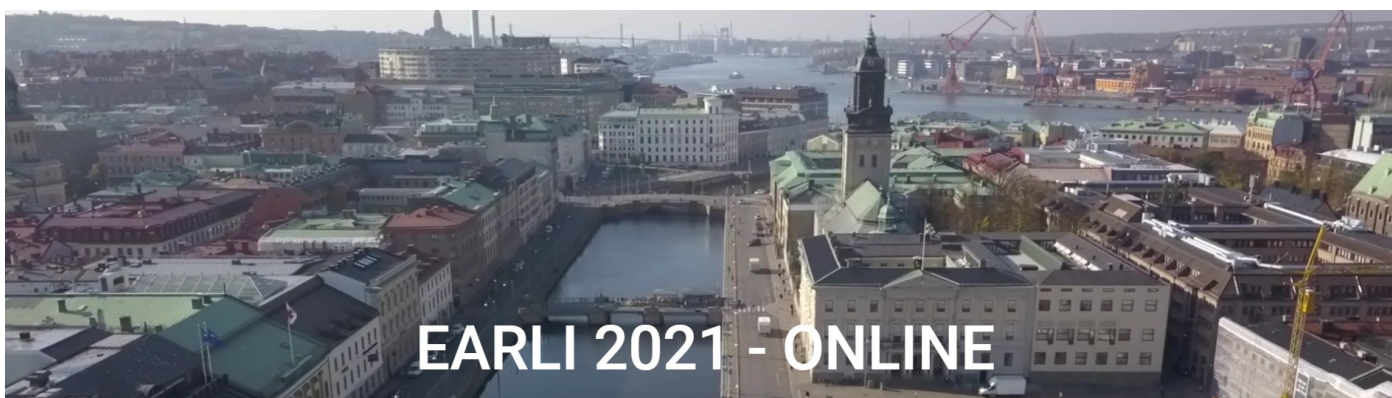
In this newsletter, we would like to inform you about the following topics:

1. SIG visibility at the EARLI 2021 conference
2. Electing new SIG and JURE SIG coordinators
3. Business meeting at EARLI 2021
4. SIG 20 invited symposium at EARLI 2021
5. Renew your Membership / Become a Member

Please feel free to forward this newsletter to colleagues who are not yet member of our SIG but might be interested in research on inquiry learning or even better, in becoming a member! If you have any suggestions or if you would like to contribute to the next newsletter: just send us an e-mail to [sig20inquiry@gmail.com](mailto:sig20inquiry@gmail.com)

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## 1. SIG visibility at the EARLI 2021 conference



The biennial EARLI Conference is only a few months away and the Organising Committee has been working hard on finding creative solutions to provide us with the best experience, within the limitations of the current situation.

One of the topics of discussion in the coordinators' meeting during the last conference was the visibility of SIGs during the conference. As with many other things, plans in this direction were caught up in reality, but the Organising Committee offered also some virtual options for this purpose. As a SIG, we will have a "Virtual booth at the SIG Conference Hall" and we can display a "flyer of our SIG on the conference lobby banner".

The idea of the virtual booth is to share information about our SIG, and to interact with the conference attendees who visit our booth. One thing that we would like to share on the booth is sessions and slots where our members are presenting work related to our SIG. If you have a presentation at the conference that is connected to our SIG, please inform us, so we can add it there for anyone interested in Inquiry Learning, who comes to visit the booth. If you have other ideas for these two options or if you are willing to be part of the "interaction" during the conference, please feel free to contact us with suggestions!

## 2. Electing new SIG and JURE SIG coordinator

After four years of service, both Ingo's and Yiannis' terms as SIG and JURE SIG coordinators, respectively, are coming to an end. Therefore, the SIG needs to elect successors for the two positions. Since our last newsletter, two members of our SIG have expressed interest in the two roles: Tasos Hovardas (University of Cyprus) has submitted his candidacy for the SIG coordinator position, while Anna Keune (University of Bochum) stepped up to apply for the JURE SIG coordinator position. You can find their CVs below.

As Tasos and Anna are the only candidates for the two open positions, the election process will go as follows; Every SIG member has the opportunity to object against the two candidates being elected for the two positions until **June 14<sup>th</sup>, 2021**. If you would like to object, please send an e-mail to [sig20inquiry@gmail.com](mailto:sig20inquiry@gmail.com). If there are no objections or less than 50% objections of all SIG members to one of the candidates, the candidates are elected. To turn it around: If you would like to have Tasos become the new SIG coordinator and Anna the new SIG coordinator, there is no need for you to do anything. We will present the official election result during our SIG business meeting at the EARLI conference in August 2021.



### Short bio of Tasos Hoavardas

Tasos Hovardas is a member of the Research in Science and Technology Education Group at the Department of Education, University of Cyprus. He has worked on more than ten European projects in the last decade focusing on inquiry-based learning. His research interests include model-based inquiry, assessment, and environmental education. He has authored/co-authored several papers in citation journals and he has reviewed papers for citation journals. Tasos served as Editorial Board Member of the *Journal of Research in Science Teaching* (2017-2020). He has taught undergraduate and postgraduate courses at the University of Thessaly, Greece, European University Cyprus, and the University of Cyprus.



### Short bio of Anna Keune

Dr. Anna Keune is a Postdoctoral Researcher at the Institute of Educational Research, Ruhr-University Bochum working with Dr. Nikol Rummel. She is also a Visiting Postdoctoral Researcher in the Department of Informatics, University of California, Irvine. Anna's research lays at the intersection of learning sciences and technology design with a focus on inclusive STEM education. Her work explores material-driven approaches to educational design and learning with the goal to contribute to transforming STEM education toward more equitable participation. Her work is informed by participatory approaches to the design of educational technology as well as constructionist and posthuman theoretical commitments to the study of learning processes. Anna holds a Ph.D. and MEd in Learning Sciences from Indiana University and an M.A. in New Media from Aalto University. Her work has been published internationally, including the *British Journal of Educational Technology*, *Computers in Human Behavior*, and *Information and Learning Sciences*.

### 3. SIG 20 Business meeting at EARLI 2021

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We are also glad to announce the date and time for our SIG business meeting, which will take place during the EARLI 2021 conference so you can mark that already down in your agenda.

The SIG business meeting is the place where we reflect on the previous two years (starting from the last EARLI conference) and we plan forward towards the next two years. It is also the place to express our gratitude to the parting coordinators and welcome the new coordinators.

This year, our SIG business meeting will take place online on Tuesday, 31<sup>st</sup> of August, 4-6 pm CEST and you will receive the link to the virtual meeting a couple of days before the meeting. Please note that you need to be a SIG member for this – if your membership expires before August, please make sure to renew it.

Under normal circumstances, the meeting would be followed by the SIG dinner, but unfortunately this tradition, like many others, will not take place this year, unless we organize a virtual dinner meeting. However, before we start planning for a virtual dinner, we will reach out to you and ask for your interest in such an event.

### 4. SIG 20 Invited Symposium at EARLI 2021

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As part of the EARLI 2021 Online Conference, our SIG has been invited to organise an Invited Symposium. The conference has an established tradition of hosting rigorous research presentations on a range of topics within the broad theme of teaching and learning. For our SIG, this means that the Invited Symposium is expected to offer in depth analysis of major contributions in the field of Inquiry Learning.

The invited symposium that will represent SIG 20 this year will focus on “**Engaging Teachers in Inquiry Learning**” and will be chaired by Wouter van Joolingen (Utrecht University).

Overall, the symposium will be composed of four paper contributions that each take a different perspective on the role of teachers, as follows:

- **Examining pre-service teachers’ capability to design simulation based inquiry learning activities**  
Marios Papaevripidou, Nikoleta Xenofontos, Tasos Hovardas, and Zacharias Zacharia  
*Research in Science and Technology Education Group, Department of Educational Sciences, University of Cyprus*
- **A Lesson Study approach to the development of an augmented reality for biology teaching**  
Wouter van Joolingen<sup>a</sup>, Sui Lin Goei<sup>b,c</sup>, Henri Matimba<sup>a</sup>, Ryan Kyaw Thu Aung Ba<sup>d</sup>  
<sup>a</sup>*Freudenthal Institute, Utrecht University, the Netherlands*  
<sup>b</sup>*Faculty of Behavior and Movement, LEARN! Learning Sciences, VU Amsterdam, the Netherlands*  
<sup>c</sup>*Department of Human Movement and Education, Windesheim University of Applied Sciences, the Netherlands*  
<sup>d</sup>*Nanyang Technological University, Singapore*
- **Bringing simulations to the classroom: teachers’ perspectives**  
Koen Veermans<sup>a</sup> & Tomi Jaakkola<sup>b</sup>  
<sup>a</sup>*University of Turku, Turku, Finland*  
<sup>b</sup>*Tampere University, Finland*
- **Guiding student thinking through teacher questioning when learning with dynamic representations**  
Antti Lehtinen<sup>ab</sup>, Markus Hähkiöniemi<sup>a</sup> & Pasi Nieminen<sup>a</sup>  
<sup>a</sup>*Department of Teacher Education, University of Jyväskylä, Finland*  
<sup>b</sup>*Department of Physics, University of Jyväskylä, Finland*

The discussant of the symposium will be Margus Pedaste (University of Tartu, Estonia). We are looking forward to this exciting symposium and welcome all our members to attend!

## 5. Renew your membership / Become a member

Please consider becoming a member and if you already are please do not forget to renew your membership for our SIG, so we can grow our inquiry learning community. Should you be an EARLI member already, you can add SIG 20 membership to your EARLI membership also afterwards. Go to <https://www.earli-eapril.org/> click 'My Orders' and next click 'New order'. In step 2, you can select SIG 20 membership for 2021. The SIG membership only costs 8 EUR.

# Newsletter

## June 2021

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For your newsletter contributions send us an e-mail

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