



Earli

Newsletter

June 2019

SIG 20-INQUIRY LEARNING / NEWSLETTER

ISSUE 6

Editorial

by Bram De Wever, Ingo Kollar (SIG Coordinators) & Yiannis Georgiou (JURE SIG Coordinator)

Dear members of the EARLI SIG 20,

We are happy to announce our 6th newsletter.

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

1. Coordination of SIG 20
2. EARLI 2019 conference: SIG 20 events
3. SIG 20 / SIG 26 biennial conference 2020
4. SIG 20 / SIG 26 workshops
5. SIG 20 website: Online members directory
6. Renew your membership / Become a member

Please feel free to forward this newsletter to people who are not yet member of our SIG but might be interested in research on inquiry learning! If you have any suggestions or if you would like to contribute to the next newsletter: just send us an e-mail to earlisig20@lists.ugent.be.

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1. Coordination of SIG 20



We are very happy to announce that Koen Veermans (University of Turku, Finland) was elected as the new Senior Coordinator of SIG 20.

We have only received emails in favour of Koen, showing that the SIG members supported his candidacy. We, the current coordinators, think that our SIG has made a great decision and we would like to congratulate Koen! We look forward to working with Koen over the next months and years!

During the upcoming EARLI 2019 conference in Aachen, Germany (<https://earli.org/EARLI2019>), Koen will officially replace Bram de Wever (Ghent University, Belgium), who will be stepping down, as Senior Coordinator during our SIG 20 Business meeting at EARLI in Aachen, after the usual term of 4 years.

Nevertheless, Koen is already starting to become immersed in the coordination group, as we are working hard on the planning of our next SIG 20 & SIG 26 meeting in 2020.

2. EARLI 2019 conference: SIG 20 events

The 18th EARLI Biennial Conference will take place from August 12th-16th 2019 and will be hosted by the RWTH Aachen University, in Aachen, Germany (<https://earli.org/EARLI2019>). As the conference is getting closer, we would like to draw your attention to our SIG 20 events.

SIG 20 Business meeting

Our SIG 20 business meeting at the EARLI main conference in Aachen this year will be happening on August 13th, at 17:15-19:15. If you have any related topics, ideas, or suggestions that should be discussed there, please send us an e-mail at earlisig20@lists.ugent.be to be included in our agenda, no later than **July 31st, 2019**.

SIG 20 dinner

You are cordially invited to join the SIG 20 dinner, which will take place at the "Brauhaus Goldenen Schwan" (Am Markt 37, 52062 Aachen: <https://www.brauhaus-goldener-schwan.de/brauhaus.html>), on August 13th, right after our SIG Business meeting, at 19:30.

Please note that the restaurant asked us to collect the menu choices beforehand. Therefore you are kindly requested to fill in the following Google form (<https://forms.gle/zk2FmL4Kh43z7mU57>), indicating (a) if you intend to join the dinner and if yes, (b) your food choice, no later than **August 12th, 2019**.

SIG20 Invited symposium

As part of the EARLI 2019 conference, SIG 20 has been asked to organise an Invited symposium during the conference. The invited symposium that will represent SIG20 will focus on "Epistemic tools for inquiry" and will be chaired by Cindy Hmelo-Silver (Indiana University Bloomington). All of the papers in the symposium will present new scaffolds designed to support students' inquiry and promote growth in inquiry competencies. Overall, the symposium will be composed of four paper contributions on epistemic tools for inquiry bringing together researchers from four different countries as follows:

- Designing augmented reality learning technologies to support students' epistemic practices in the wild: the case of the concept mapping TraceReaders tool: *Eleni Kyza and Nicoletta Pantela (Cyprus)*
- Fostering scientific reasoning with constructive and example-based scaffolds in a modeling environment on global warming: *Sarah Bichler, Marcia Linn, & Frank Fischer (Germany and US)*
- Scaffolding Inquiry with Multiple Information Sources: The Knowledge Society Sandbox: *Sarit Barzilai, Asnat R. Zohar, Shiri Mor-Hagani, Talia Shlomi-Elooz (Israel)*
- Scaffolding Explanations and Epistemic Development for Systems (SEEDS): *Joshua Danish, Cindy E. Hmelo-Silver, Ravit Golan Duncan, and Clark Chinn (US)*

The discussant of the symposium will be Jim Slotta (*University of Toronto*).

We are looking forward to this exciting symposium and welcome all our members to attend!

3. SIG 20/ SIG 26 biennial conference 2020




Tools of inquiry and argumentation to tell facts from fiction

SAVE THE DATE
26-28 August 2020



Joint SIG 20 and SIG 26 conference in Utrecht, Netherlands
Inquiry Learning | Argumentation, Dialogue & Reasoning

Our next SIG 20 biennial conference will be jointly organized with SIG 26 and will take place on August 26th-28th, 2020 at Utrecht, Netherlands.

The theme of the conference is "Tools of inquiry and argumentation to tell facts from fiction"

We would like to thank wholeheartedly, Prof. Dr Wouter van Joolingen (Chair of the Local Organizing Committee) for hosting the conference at the University of Utrecht, in Netherlands.

More information can be found at:
<https://earli.org/SIG20-SIG26-2020>

Save the date!

4. SIG 20 / SIG 26 workshops

Our Joint 2018 Meeting of the EARLI Special Interest Groups in Jerusalem has been a success. The participation to the conference was high, the sessions were interesting and the conference was interdisciplinary. Also, new exciting research directions were deepened at the conference. In light of these developments, the coordinators of SIG 20 and SIG 26 decided to facilitate further exchange in some of these topics by providing funding for three workshops.

Workshop: “What is successful online information behavior? Investigating contributions of research on argumentation, computer-supported collaborative learning, and scientific literacy”

Aim: The aim of the workshop is to address the social and cognitive factors that influence how learners research, select, evaluate and use information from the Web. We will convene a group of researchers to explore the intersections of argumentation, computer-supported collaborative learning, and scientific literacy, and to investigate how these concepts contribute to successful online information behavior. The workshop is aimed at integrating relevant models, operationalizing critical processes and outcomes of learning, and to exploring possible research collaborations.

Date(s): The workshop will take place on Friday, June 21st, and Saturday, June 22nd, 2019. Workshop times will be 2pm – 6pm on June 21st, and 9am – 5pm on June 22nd, 2019.

Venue: The workshop venue is at the Einstein Center Digital Future, in Berlin, Germany. The Einstein Center Digital Future is based in the Center of Berlin at: Wilhelmstraße 67, 10117 Berlin.

Participation: Participation has been confirmed by 18 participants (plus three workshop coordinators). Because of the short time frame, no call for further contributions will be sent out.

Organizers / Contact persons: Elisabeth Mayweg (elisabeth.mayweg@hu-berlin.de); Maria Zimmermann (maria.zimmermann@hu-berlin.de) or Friederike Hendriks (f.hendriks@uni-muenster.de).

Workshop: “Enhancing historical reasoning: measuring and developing students' epistemological understanding”

Aim: This seminar aims to explore how epistemological understanding of history can be conceptualized and measured, and which instructional strategies are effective in developing students' epistemological understanding. Researchers in the field of history education, but also researchers who focus on epistemology in general or in the context of science education are invited to participate in the seminar. There is plenty of room to exchange expertise across domains and to discuss findings from research. Keynotes will be provided by Michael Weinstock and Carla van Boxtel. PhD students are especially encouraged to participate.

Date(s): 9th and 10th of September 2019

Venue: The Netherlands, Amsterdam, University Library (Singel 425).

Participation: Each day there will be round table sessions and a poster session. Abstracts (max. 800 words) can be submitted through <http://bit.ly/amsterdamseminar-submit>. Deadline for the submission of abstracts is the 28th of June 2019. The maximum number of participants is 45. The registration fee (including dinner on Monday and lunch on Tuesday) is 50 euro. There is no registration fee for EARLI SIG 20 and 26 members. PhD students can become a SIG 20 or 26 member (€8) when they join EARLI as Jure member (€35). See <https://earli.org/join>. PhD candidates presenting a poster or round table also have the opportunity to apply for a travel grant through <http://bit.ly/amsterdamseminar-grant>. See for more information and registration the seminar website: <http://bit.ly/amsterdamseminar-info>

Organizers / Contact persons: The organizing committee, Carla van Boxtel, Jannet van Drie (University of Amsterdam) and Michiel Voet (Ghent University), can be reached through amsterdamseminar@lists.ugent.be

Workshop: “Current and emerging technologies in research for human learning and interaction”

Aim: The main goals of the workshop are: (1) to share and update conceptual and theoretical understanding about critical processes in human interaction and collaborative learning, (2) to review the state-of-the art multimodal methods in empirical understanding of interaction and collaborative learning, and (3) to work for a joint research agenda in harnessing the opportunities of current and emerging technologies (i.e. Artificial Intelligence (AI) and Virtual (VR) or Augmented Reality (AR), social robotics) in research for human learning and interaction.

Date(s): 10th and 11th of October, 2019. Additional possibility to join to a pre-workshop at **9th of October**, which will be organized together with Oulu University GenZ strategic profiling theme <https://www.oulu.fi/genz/> and with local companies.

Venue: University of Oulu, Finland

Participation:

1. Members of the EARLI SIG 20-26: can apply for this workshop by sending their letter of interest that describes their current research activities; particularly highlighting methodological expertise and tools they are using in their research. Based on the letters and depending on the amount of applications, we can provide a small travel grants (to be specified). Maximum of 30 participants will be selected.

In addition for the funding purposes, these letters of interest will be used for developing the more specific program for the workshop. The program will include thematic keynote presentations, demo/case presentations and roundtable workings. Pre-workshop (9th of October) will include living lab workings with local companies.

Send your letter of interest (max 350 words) by 31st of July 2019 by email to Piia Näykki (piia.naykki@oulu.fi). Please indicate in the letter if you are applying a travel grant.

2. Invited workshop participants: In addition for the Open Call participants, the workshop attendances will include: (1) Invited SIG20-26 members, (2) Local SIG20-26/EARLI Members (3) Invited other experts, (4) Invited local experts

Organizers: Local organizers Piia Näykki, Sanna Järvelä, Jaana Isohätälä and Essi Vuopala in collaboration with Michael Baker, Kris Lund, SIG 20-26, Pentti Haddington and Lotta Haukipuro from Oulu University GenZ strategic profiling theme

Contact person: Piia Näykki (piia.naykki@oulu.fi)

5. SIG 20 website: Online members directory

As our SIG on Inquiry Learning is gradually getting bigger, our efforts for keeping our community bonded and active are also increased. In this context, we would like to inform you that we have started developing and embedding an online members directory at our official website. Please, check it out here: <https://earli.org/node/64>

The aim of this directory is to provide an online space where all the SIG 20 members will be presented, thus contributing to further dissemination of your work and research interests. The directory will also allow more networking opportunities and collaborations between the members of SIG 20 but also within the broader inquiry-related research community. Finally the directory will acknowledge the participation of all of the members of SIG 20 and will be possibly helpful in attracting new members.

Please, kindly note that the directory is still under development! At the moment, it only includes information about some of our members.

If you are a SIG 20 member and you have not submitted yet your personal details for our online members directory, please fill in the JotForm: <https://form.jotform.me/82404769866471>

The only thing requested is 5 mins for completing the JotForm –Many thanks in advance for your time!

6. Renew your membership / Become a member

Please consider to become a member or renew your membership for our SIG, so we can grow our inquiry learning community.

SIG memberships only costs 8 EUR. Should you be an EARLI member already, you also can add SIG 20 membership to your EARLI membership 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 2019.

Newsletter

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For your newsletter contributions send us an e-mail

@ earlsig20@lists.ugent.be

Visit our web page to find out more the SIG 20—Inquiry Learning

@ <https://www.earli.org/node/43>

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