Second call for the Joint SIG 20 and SIG 26 conference in Utrecht, Netherlands: 14th - 16th September, 2022

We are pleased to invite you to the Joint 2022 conference of the EARLI Special Interest Groups 20 (“Inquiry Learning") and 26 (“Argumentation, Dialogue and Reasoning”). The conference will be held from Wednesday the 14th to Friday the 16th of September 2022 in Utrecht, The Netherlands. The theme of the conference is Dialogue, inquiry and argumentation: shaping the future(s) of education. We welcome papers on the conference theme, as well as on any topic in the fields of Inquiry Learning, Argumentation, Dialogue, and Reasoning.

The future is uncertain. Climate change, pandemics, economic crisis and more point to the need to prepare students for the challenges of the future. At this juncture in human history, it is time for us to stop walking backwards, equipping students with the knowledge and skills that they would have needed to cope with the past, but to turn around and attempt as best we can to equip them with the kind of education that they need to not only survive but to thrive in the future. Education for dialogue, argumentation, reasoning and shared enquiry are central to any educational response to the challenge of the future. The conference provides opportunities to discuss and recognize how dialogue, inquiry and argumentation can play a role in shaping the future(s) of education, both as pedagogical practices, design perspectives and target skills.

The Joint SIG 20 and SIG 26 conference in Utrecht will offer opportunities for both specific sessions dedicated to either SIG 20 or SIG 26, and sessions that bridge between the two SIGs. Thus, there will be plenty of opportunities to connect to members of both SIGs, during sessions as well as during coffee and lunch breaks.

Important dates

- March 1st, 2022: Submission opens
- March 31st, 2022: Submission deadline
- May 1st, 2022: Registration opens
- May 15th, 2022: Notifications of acceptance
- June 8th, 2022: Early registration deadline
- September 14th-16th, 2022: SIG20-SIG26 conference

Organizing Committees

The SIG 20 Organizing Committee consists of:

- Tasos Hovardas (SIG Coordinator)
- Koen Veermans (SIG Coordinator)
- Valentina Nachtigall (JURE Coordinator)

The SIG 26 Organizing Committee consists of:

- Christa Asterhan (SIG Coordinator)
- Rupert Wegerif (SIG Coordinator)
- Claire Polo (JURE Coordinator)
- Lydia Cao (Communications Coordinator)

The Chair of the Local Organizing Committee: Wouter van Joolingen.

The organizing committees can be reached through sig20inquiry@gmail.com and earlisig26@gmail.com

More information

For more information regarding the Joint SIG 20 and SIG 26 conference “Dialogue, inquiry and argumentation: shaping the future(s) of education” in Utrecht, The Netherlands, on 14-16 September 2022, please visit the conference website https://earli.org/SIG20-SIG26-2022

We are very much looking forward to meeting you all in Utrecht next September!
(for more information about Utrecht, see https://www.visit-utrecht.com/)

Your SIG 20 and SIG 26 coordinators

Keynote Speakers for SIG 20 and SIG 26

We are honored to present the following three Keynote Speakers to you:

- **Sarit Barzilai (University of Haifa, Israel)**
  Sarit Barzilai is a Senior Lecturer in the Department of Learning and Instructional Sciences in the Faculty of Education of the University of Haifa, Israel. Her research focuses on epistemic thinking, metacognition, multiple document literacy, inquiry learning, and game-based learning. Her principal interest is investigating how to promote learners' epistemic growth so that they are better able to cope with the challenges of twenty-first century knowledge societies. Dr. Barzilai has extensively studied how epistemic thinking comes into play as learners evaluate and integrate multiple information sources that present diverse perspectives. She also designs and investigates technology-enhanced learning environments for promoting learners' epistemic growth in these contexts. Her recent research focuses on how to address the current "post-truth" climate, and she has co-edited a special issue of Educational Psychologist on educational responses to "post-truth" problems. Dr. Barzilai is a recipient of the International Society of the Learning Sciences Early Career Award, the Journal of the Learning Sciences Best Paper Award, and the EARLI Outstanding Publication Award. Her full profile can be found here: https://sarit-barzilai.edu.haifa.ac.il

- **Ton de Jong (University of Twente, The Netherlands)**
  Ton de Jong holds a chair in Instructional Technology. He specializes in inquiry learning (mainly in science domains) supported by technology. He was coordinator of eight EU projects including the 7th framework Go-Lab project on learning with online laboratories in science and its H2020 follow-up project Next-Lab (see www.golabz.eu). Currently is on the editorial board of seven journals. He is AERA and ISLS fellow and was elected member of the Academia Europaea in 2014.
  For more info see: http://users.edte.utwente.nl/jong/Index.htm

- **Antonia Larrain (Universidad Alberto Hurtado, Chile)**
  Antonia Larrain is Full Professor of Psychology, at Faculty of Psychology, Universidad Alberto Hurtado, Chile. She holds a PhD in Psychology from Pontificia Universidad Católica de Chile, and in 2010 she was a postdoc visiting scholar at Faculty of Education, University of Cambridge, UK. She has conducted empirical and conceptual research to explore the psychological processes involved in disciplinary learning and concept formation through argumentation, and in understanding the interrelationships between its multiple benefits. She has published in several journals such as Journal of Educational Psychology, Cognition & Instruction, Teacher and Teaching Education, among many others. She is currently President of the International Society for Theoretical Psychology (ISTP) and Associate editor of Journal for Theoretical and Philosophical Psychology (APA div. 24). She is part of the Editorial Board of Review of General Psychology (APA div. 1), Theory and Psychology and European Journal of Psychology of Education.

General submission details for SIG 20 and SIG 26

To submit your proposal it is necessary to have an EARLI account. Creating an EARLI account is free for everyone. To submit your paper there is no need for being EARLI member nor member of any EARLI SIG. Nevertheless, as EARLI member you will benefit from special discounts when registering for the conference.

You can submit your proposal here: https://www.earli-eapril.org/submission/76/create

After clicking on “new submission” (or “new symposium”) you will be able to fill in your submission. There you may choose the more specific submission type, keywords, etc. Please consider that you have to copy the text of your submission into a text field during the submission process. You won’t be able to submit your paper as word or pdf. Beyond that, you will be able to upload up to two additional figures or tables. Nevertheless, please make sure that all relevant information for the review process can be found in the text you will submit.

Please submit your research following the submission formats:

- **Paper:** Paper sessions consist of 3-4 paper presentations and last 90 minutes. Each presenter will be given 15 minutes presentation time, followed by 5 minutes for questions. At the end of all presentations, there is a ten-minute open discussion. It is important that empirical papers indicate clear data and results, or they will not be accepted. Theoretical papers, of course, are also welcomed. Research that is at an earlier stage is very suitable for poster sessions. Papers in each session will be thematically grouped.
- **Poster:** This format is perfect for developing research and/or preliminary results. There will be different time-slots for the poster presentations to allow each poster enough time and space to be seen. The poster sessions offer presenters the opportunity for interaction and discussion with the audience. The presenters of the posters are expected to be at their poster for the whole poster session to get in contact with their interested audience.
- **ICT demonstration:** ICT Demonstrations allow presenters to display, explain and familiarise users with a potentially useful teaching or research tool or method. The presentation may include references to completed research, but the point of the session is to demonstrate the tool, not present the research for criticism. The audience may offer their viewpoints and share their experiences with similar tools or different tools for the same purpose. ICT Demonstrations are scheduled for 90 minutes.
- **Symposia:** Symposia provide an opportunity to present research on one topic, often from multiple perspectives, compiling a coherent set of 3-4 papers for discussion. Symposia sessions are directed by a chair, involving four presenters and one discussant. A symposium is scheduled for 90 minutes, allowing 15 minutes presentation time per speaker, ten minutes for the discussant, and 20 minutes for open discussion.
- **JURE paper or poster*:** The JURE paper and poster presentations won't be different in their format from the other paper and poster presentations. As such our JURE members can just follow the information provided above. Nevertheless, there will be senior members of the community dedicated to attend the JURE presentations and find some time to provide feedback to the JURE presenters.

All submissions should include:

- Name(s), affiliation, address, and email address of all the authors
- Title of the presentation
- Preference for submission format, including regular or JURE
- Abstract of max. 300 words
- Extended summary: Paper (1500 words), Poster (500-1500 words), ICT demo (500-1500 words), symposium (3-4 papers x 1500 words + 500 words general abstract/introduction)

More information about the submission formats can be found in the **submission guidelines** on the conference website: https://earli.org/SIG20-SIG26-2022#submissions

*JURE members who will submit their work in the JURE track will receive useful feedback by senior members of the community, dedicated to attend the JURE poster and paper sessions. In addition, two prizes will be awarded to the Best Paper and the Best Poster.

Language note: All submissions should be in English – also all talks and presentations at the conference will be in English.

We encourage submissions to the following topics (non-exhaustive list):

SIG 20 (Inquiry learning)

According to our mission statement, we welcome submissions that contribute to the aim of offering learners opportunities for engaging in inquiry practices. For instance, research related to:

- Learning contexts (e.g. Inquiry in different domains, either academic or professional; computer-supported inquiry learning; visualizations and simulations; mobile learning)
- Strategies and methods of instruction (The role of the teacher; scaffolding; intelligent tutoring; adaptive systems; agent-based learning; collaborative inquiry learning; model-based learning; discovery-based learning; problem-based learning; project-based learning; game-based learning; productive failure)
- Student outcomes –knowledge, skills and attitudes – (Knowledge building; graphing literacy; motivation; interactions between skill acquisition & learner characteristics; metacognition and regulation; performance assessment; assessment techniques)

SIG 26 (Argumentation, Dialogue and Reasoning)

- Learning from and through dialogue and argumentation
- Argumentation in and across domains (Mathematics, History, etc.)
- Motivation, affect, social dynamics and epistemology
- Dialogue, reasoning and argumentation in multicultural contexts
- Designing for dialogue, reasoning and argumentation
- Online dialogue and argumentation
- Teacher professional development for argumentation and dialogue
- Methods for analyzing dialogue, reasoning and argumentation

All submissions will be reviewed in a double-blind format.

Scientific Committees

The SIG 20 scientific committee consists of:

- Annelies Raes (University of Leuven, Belgium)
- Antti Lehtinen (University of Jyväskylä, Finland)
- Ard Lazonder (Radboud University in Nijmegen, The Netherlands)
- Bram De Wever (Ghent University, Belgium)
- Cindy Hmelo-Silver (Indiana University, US)
- Eleni Kyza (Cyprus University of Technology, Cyprus)
- Ingo Kollar (University of Augsburg, Germany)
- Koen Veermans (University of Turku, Finland)
- Margus Pedaste (University of Tartu, Estonia)
- Raija Hämäläinen (University of Jyväskylä, Finland)
- Tasos Hovardas (University of Cyprus, Cyprus)
- Tomi Jaakkola (Tampere University, Finland)
- Ton de Jong (University of Twente, The Netherlands)
- Valentina Nachtigall (Ruhr University Bochum, Germany)
- Wouter van Joolingen (Utrecht University, The Netherlands)

The SIG 26 scientific committee consists of:

- Adam Lefstein (Ben Gurion University of the Negev, Israel)
- Alexander Gröschner (Friedrich Schiller University Jena, Germany)
- Alina Reznitskaya (Montclair University, USA)
- Alison Twiner (University of Cambridge, UK)
- Anke Wischgol (Technische Universität Dortmund, Germany)
- Anne-Nelly Perret-Clermont (University of Neuchatel, Switzerland)
- Armin Weinberger (University of Saarland, Germany)
- Baruch Schwarz (Hebrew University of Jerusalem, Israel)
- Carla van Boxtel (University of Amsterdam, Netherlands)
- Chiel van der Veen (Vrije Universiteit Amsterdam, Netherlands)
- Christa Asterhan (Hebrew University of Jerusalem, Israel)
- Christine Howe (Cambridge University, UK)
- Chrysi Rapanta (NOVA university Lisbon, Portugal)
- Claire Polo (Lyon 2 University, France)
- Clark Chinn (Rutgers University, USA)
- Elisabeth Mayweg-Paus (Humboldt University Berlin)
- Frank Fischer (LMU, Germany)
- Ian Wilkinson (Ohio State University, USA)
- Ingvill Rasmussen (University of Oslo, Norway)
- Kalypso Iordanou (UCLan Cyprus)
- Klara Sedova (Masaryk University, Czech Republic)
- Kristiina Kumpulainen (University of Helsinki, Finland)
- Kristine Lund (Lyon 2 University, France)
- Maria Vrikki (University of Cyprus)
- Maureen Boyd (University of Buffalo, USA)
- Michael Baker (CNRS, France)
- Michael Nussbaum (University of Nevada, USA)
- Riikka Hofmann (University of Cambridge, UK)
- Rocío García-Carrión (University of Deusto, Spain)
- Rupert Wegerif (University of Cambridge, UK)
- Sara Hennessy (University of Cambridge, UK)
- Sherice Clarke (University of California San Diego, USA)

Conference Fees (Including the conference dinner)

EARLI Members:

- Early bird € 300 (Before June 8th 2022)
- Regular € 375
- JURE Early bird € 200 (Before June 8th 2022)
- JURE Regular € 250

Non EARLI members:

- Early bird € 375 (Before June 8th 2022)
- Regular € 470
- JURE Early bird € 250 (Before June 8th 2022)
- JURE Regular € 315