

Advancing the Computational
Learning Sciences through Process
Measures of Learning

SUBMISSION GUIDELINES

EARLI SIG27 2026

18–20 November 2026

IIIA CSIC, Barcelona, Spain

This guide (based on the EARLI 2025 submission guidelines and the EARLI SIG27 2024 submission guidelines) is intended to assist you in choosing the appropriate submission format to contribute to the scientific programme of EARLI SIG27 2026 and to provide practical guidance on how to submit your proposal through the [EARLI platform](#).

There are five different submission formats available, which allow for the presentation of research at various stages and the sharing and dissemination of methodological expertise. Table 1 shows an overview of submission formats for different purposes. More details about each format are provided below under “[Preparing Your Submission](#)”.

Table 1. Submission formats for different purposes.

Goal	Format
Presenting finished empirical work (with results)	Single paper
Discussing research plans or work in progress of either theoretical or empirical nature	Poster
Presenting a coherent international set of papers on one topic	Symposium
Discussing challenging theoretical, methodological, and/or practical issues	No- or not-so-perfect-data
Providing hands-on guidance on a certain methodological approach	Tutorial



Before submitting your proposal, we recommend reading these submission guidelines. The following points are essential to consider when preparing your submission:

- Independently of the chosen format, **all submissions should be within the scope and focus of the EARLI SIG27**, namely online measures of learning processes, with online measures referring to measures of learning as it happens, as opposed to before or after (i.e., offline measures).
- All submissions should be **completely anonymous**, to favour a blind review process. Please do not include your name or affiliation in your abstract or in any of your attached files, either in the filename or in the file itself.
- According to the EARLI policies, **you may not present more than two proposals**. In addition, **you can act once as the chair of a symposium and once as discussant**, for a **maximum of four active appearances**. In terms of passive appearances (i.e., non-presenting author), for the SIG27 2026, you may appear in the submissions a **maximum of four times as a co-author**.
- Double submissions will automatically be removed to reduce unnecessary review workload. Submitting the same study twice, including in different formats, will therefore not increase your chances for acceptance.
- Please ensure to **use the same EARLI account** for all of your submissions, to avoid issues during registration and scheduling.
- It is important to carefully read the guidance below so that you select the appropriate format for your presentation. Selecting **an inappropriate format may significantly reduce the chances of acceptance** of your proposal.
- Proposals can only be submitted through the [EARLI platform](#). Submissions via email will not be accepted.
- The conference programme will avoid timetable conflicts for presenting authors, chairs and discussants, but not for co-authors.
- Please note that individual scheduling requests cannot be accommodated. We recommend you to take into account that your presentation, if accepted, can be scheduled on any of the conference days.

PREPARING YOUR SUBMISSION

You may submit your proposals from 23rd February 2026 until 26th April 2026 (23:59 CEST). In order to submit a proposal, an **EARLI account is required**, which can be created free of charge at <https://www.earli-eapril.org/create-account>. If you are using an existing EARLI account, please ensure that your personal and professional details are up to date as this information will be used for further communication, as well as to generate the conference programme.

Please make sure **not to create multiple accounts** as this could be problematic later on. The email address provided will be used to retrieve the participants' details from the EARLI database, ensuring that the necessary professional details are linked to the proposal. For co-authors who will not participate in the conference, an account is not required as this information can be inserted manually while submitting.

For each submission, a presenting author is needed. If your proposal is accepted, the **presenting author will need to register for the conference** in order to schedule the proposal. Please do note that proposals for which the presenting author has not registered by the early bird registration deadline will be removed from the programme without prior warning.

Every **symposium** requires a presenting author for each paper, one discussant and one chair. When submitting a symposium, you will need to ensure that the email address entered for each active participant (i.e. presenting authors, chairs, and discussants) matches the email address they entered when creating their EARLI account.

Consequently, each active conference participant needs to have an EARLI account and needs to provide the submitter with the corresponding email address before the submission.

Active conference participants, who are not submitting themselves but who are involved in a proposal, and who do not have an EARLI account yet, are asked to [create an EARLI account](#) free of charge before their colleague submits the proposal. Once your account has been activated (through the activation link sent via e-mail), your colleague will be able to add you as a presenter by using the e-mail address linked to your EARLI account.





Some valuable tips to help you to prepare and submit your proposal:

- Each submission requires a **title of up to 100 characters** (including spaces), an **abstract of 100–250 words** and an **extended summary of 600–1000 words** (including references). Proposals which do not meet the above-mentioned requirements will not be considered for review.
 - Symposia-submitters must mind the **three-country rule** which requires that at least three different countries are represented among the active participants (i.e. presenting author, chair, and discussant) of the symposium. Ensure that all the active participants hold an EARLI account. Co-authors do not need an EARLI account; their names, contact details, and affiliation can be entered manually by the submitter.
 - Up to **three images or tables** can be uploaded along with your submission.
 - **Four keywords** are needed to match your submission with a reviewer as suitable as possible. See the available list of [Keywords](#) below.
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SUBMISSION TYPES AND REQUIREMENTS

SINGLE PAPER



Single papers can be used to present finished empirical work (i.e., they must contain data and results).

Single paper sessions are scheduled for 90 min and include up to four paper presentations. Presentations have a maximum of 15 min plus 5 min for discussion, for a maximum of 20 min. At the end of all presentations there is an open general discussion.

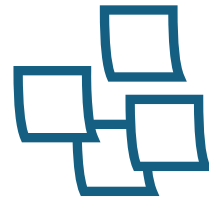
Requirements for a single paper:

- A title of up to 100 characters (including spaces).
- An abstract of 100–250 words.
- An extended summary of 600–1000 words (excluding references) including:
 - Theoretical framework, conceptual rationale or pragmatic grounding
 - Research method and design (research questions, context, participants, data sources, sampling, procedure, ethical issues)
 - Clear results and conclusions
 - Significance for theory, policy, and practice



SYMPOSIUM

Symposia provide an opportunity to present research on one topic, often from multiple perspectives, compiling a **coherent set of papers** for discussion. Symposia sessions are directed by a chair and involve three presenters and one discussant from at least three different countries. The submission consists of three single papers plus an additional abstract that explains the overarching goal of the symposium and the discussion involved.



Symposia are scheduled for 90 min structured as: 15 min presentation + 5 min questions for each of the three papers, a 15-min presentation by the discussant, and a 15-min general discussion involving the presenters, the discussant, and the audience.

Requirements for the symposium as a whole:

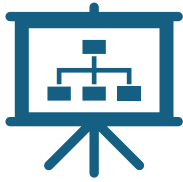
- A title of up to 100 characters (including spaces).
- An abstract of 100–250 words indicating:
 - Overarching theoretical perspective(s), conceptual rationale or pragmatic grounding.
 - Aims
 - How the individual papers form a coherent set
 - Significance for theory, practice, and policy
- The name of the chair and the discussant.

Requirements for each individual presentation in the symposium:

- A title of up to 100 characters (including spaces).
- An abstract of 100–250 words.
- An extended summary of 600–1000 words (excluding references) including:
 - Theoretical framework, conceptual rationale or pragmatic grounding
 - Research method and design (research questions, context, participants, data sources, sampling, procedure, ethical issues)
 - Clear results and conclusions
 - Significance for theory, policy, and practice

When submitting your proposal, you will first need to save and submit each individual paper, before submitting the symposium as a whole. Please remember that at least three countries must be represented in the active roles of a symposium (i.e., presenters, chair, and discussant); this is a strict requirement.

POSTER



Posters give the opportunity to present and discuss research plans and work in progress interactively. Poster sessions are scheduled for 90 min, which start with a short presentation (about 5 min per poster) given to an audience gathered as a group. After the authors' brief presentations, in-depth discussions with the audience are facilitated through an exhibition-style format, where audience members freely discuss further details with the presenter(s) of their choosing.

The poster sessions offer researchers the chance to present their work in a visual format and offer more opportunities for one-to-one interaction and discussion. Posters are typically A0 size. Materials for fixing posters on the walls or poster boards will be provided.

Requirements for a poster proposal:

- A title of up to 100 characters (including spaces).
- An abstract of 100–250 words.
- An extended summary of 600–1000 words (excluding references) including:
 - Theoretical framework, conceptual rationale or pragmatic grounding
 - Aims
 - (Planned) Research method and design (research questions, context, participants, data sources, sampling, procedure, ethical issues)
 - (Expected) results and/or (preliminary) conclusions
 - Significance for theory, policy, and practice

NO- OR NOT-SO-PERFECT-DATA

This is a beloved format by the SIG27 community that puts the spotlight on challenging theoretical, methodological, and practical issues related to the very essence of our SIG, measuring learning as it happens.



No- or not-so-perfect-data presentations allow researchers to share struggles they have faced or are facing, often related to, but not limited to, data collection experiences, technological issues with sensors or measuring devices, selection of the most appropriate measure or device, noisy recordings, artifacts, insufficient sample size, ethical considerations, lack of standardized methodological procedures, and finding the right theoretical framework.

No- or not-so-perfect-data discussions are at the beating heart of our community and an important driver to advance research on learning and instruction by leveraging online measures of learning processes.

No- or not-so-perfect-data are scheduled in sessions of 90 min equally divided among 3–4 presentations.

Requirements:

- A title of up to 100 characters (including spaces).
- An abstract of 100–250 words.
- An extended summary of 600–1000 words (excluding references) including:
 - Theoretical framework, conceptual rationale or pragmatic grounding
 - Aims
 - (Preliminary) Research method and design (research questions, context, participants, data sources, sampling, procedure, ethical issues), depending on the research stage
 - Clear elaboration of the issue to be discussed
 - Significance for theory, policy, and practice

TUTORIAL



Our SIG27 has a strongly methodological character. There are a variety of tools, devices, methods, and data types used in our community. Tutorials are meant for researchers experienced in collecting, processing, and analyzing different types of data, or using different SIG27-relevant methods, to share their expertise with the community.

The goal is to lower the entry barrier for other researchers to become familiar with those methods, which they could then incorporate to their research, if relevant. Tutorials enable the sharing and spreading of invaluable know-how in our community, thereby diversifying and strengthening our methodological approaches.


Each tutorial is meant to cover a full 90 min session including interactivity and hands-on exercises. For tutorials, it is crucial that the learning objectives are clear, concrete, and of practical value.

Requirements for a tutorial:

- A title of up to 100 characters (including spaces).
- An abstract of 100–250 words.
- An extended summary of 600–1000 words (excluding references) including:
 - Clarity and concreteness of learning objectives.
 - Instructive and practical value.
 - Theoretical framework, conceptual rationale, or pragmatic grounding.
 - Coverage of the research process from planning data collection to processing and analyzing the data to interpreting the results. Given the time constraints, the tutorial may focus on a specific phase or aspect (e.g., data collection or data analysis), but an overview of the whole research process relevant to the focus of the tutorial, from planning to reporting, should be provided.

SUBMITTING YOUR PROPOSAL

When you have prepared your proposal according to the information outlined above, it can be submitted via the [EARLI platform](#).

- [Log in](#) to your personal EARLI account. If you do not have one yet, you can [create an EARLI account](#) free of charge.
- Navigate to the “[My Submissions](#)” page.
- Click on the green “+ New Submission” button () on the top left.
- Submission links for different EARLI conferences are displayed. Locate the EARLI SIG27 submissions (see Figure 1).

DASHBOARD	MY ORDERS	MY SUBMISSIONS	MY REVIEWS	MY SESSIONS	DOCUMENTS
July 6-8, 2026	SIG 2 Conference 2026	Geneva, Switzerland	https://www.earli.org/events/sig-2-biennial-conference-2026	06/02/2026	New submission New symposium
July 8-10, 2026	SIG 28 Conference 2026	Reggio Emilia, Italy	https://www.earli.org/events/sig-28-conference-2026	23/02/2026	New submission New symposium
August 10-12, 2026	SIG 6 & 7 Conference 2026	Zurich, Switzerland	https://www.earli.org/events/sig-6-7-conference-2026	16/02/2026	New submission New symposium
SIG 1 Conference + Summer School 2026					Deadline
August 24, 2026	SIG 1 Summer School 2026	Utrecht, Netherlands	https://www.earli.org/summer-school-earli-sig01-2026	20/02/2026	New submission
August 25-27, 2026	SIG 1 Conference 2026	Utrecht, Netherlands	https://www.earli.org/sig-01-conference-utrecht-2026	12/01/2026	New submission New symposium
August 24-27, 2026	Joint SIG 3 & SIG 20 Conference 2026	Turku, Finland	https://www.earli.org/events/sig3-sig20-2026	15/03/2026	New submission New symposium
August 26-28, 2026	SIG 16 Conference 2026	Clermont-Ferrand, France	https://earlisig162026.sciencesconf.org/	21/01/2026	New submission New symposium
September 1-3, 2026	EARLI SIG 26 Conference 2026	Brno, Czech Republic	https://webcentrum.muni.cz/earlisig	02/04/2026	New submission New symposium
September 3-4, 2026	SIG 22 Conference 2026	Leiden, Netherlands	https://www.earli.org/events/sig-22-conference-2026	25/04/2026	New submission New symposium
September 9-11, 2026	SIG 18 Conference 2026	Brussels, Belgium	https://sig18conference.com/	10/02/2026	New submission New symposium
September 16-18, 2026	EARLI SIG 14 Conference 2026	Antwerp, Belgium	https://www.uantwerpen.be/en/conferences/earli-sig-14-learning-and-professional-development-2026-conference/	18/02/2026	New submission New symposium
November 18-20, 2026	SIG 27 Conference 2026	Barcelona, Spain	https://www.earli.org/events/sig-27-conference-2026	26/04/2026	New submission New symposium

Figure 1. EARLI SIG27 submissions in the My Submissions page.

- Choose “+ [New Symposium](#)” to submit a symposium or “+ [New Submission](#)” for any other submission type.
- Select the presentation format, and enter the title (see Figure 2). You can optionally choose a Domain. The Interest Group is by default the SIG27.

Figure 2. Creating a New Submission for the "SIG 27 Conference 2026".

- Add your Abstract and Extended summary (see Figure 3). You may also optionally upload up to three files each containing a figure or a table.

Figure 3. Adding the abstract, extended summary of your submission, and up to three files (tables or figures).

- Add the metadata of your submission (see Figure 4). It is mandatory to **choose four keywords**. Keywords are used to match your proposal with a reviewer as suitable as possible, and to group accepted submissions in thematic sessions for the final conference programme. Therefore, choosing your keywords is very important. Please take the time to do this carefully. You can see the list of [Keywords for the SIG27 2026](#) below.

Figure 4. Adding the metadata of your submission.

If, for any reason, you cannot complete the submission process all at once, you can save your progress and return to the submission at a later date. Please make sure to complete the submission before the submission deadline, as submissions that remain in draft mode will not be considered for the review process.

You can consult the status of your submission at any time in your EARLI account at [My Submissions](#).

- A submission with status “**draft**” has not been fully submitted and will not be considered for the review process.
- A submission with status “**pending review**” or “**pending announcement**” has been correctly submitted and will be considered for the peer review process.
- Upon successful submission of your proposal, you will also receive an **automated confirmation email**. Please be advised that these are sent to the submitter of the proposal, not to the presenting author(s) (in case the proposal is submitted by a colleague).

All information (including your name) will be published in the programme exactly as submitted by you. Take extra care to avoid spelling and other mistakes.

KEYWORDS SIG27 2026 (1/2)

(Joint) Attention
 Achievement
 Adaptive Learning Environments
 Anxiety and Stress
 Argumentation
 Arousal
 Artificial Intelligence
 Assessment
 Audio data
 Automated Scoring
 Biosensors
 Cardiovascular Responses
 Classroom Analytics
 Clustering
 Cognitive Load
 Cognitive Skills and Processes
 Collaborative Learning
 Communication Skills
 Competences
 Comprehension of Text and Graphics
 Computational Linguistics
 Computational Thinking
 Computer-assisted Learning
 Critical Thinking
 Digital Learning Environments
 Digital Literacy and Learning
 Doctoral Education
 Early Childhood Education
 Educational Neuroscience
 Educational Technology
 E-learning/Online learning
 Electrocardiogram
 Electrodermal Activity
 Electroencephalogram
 Emotion and Affect
 Engagement
 Engineering Education
 Ethics
 Eye-Tracking
 Facial Expressions
 Feedback and Biofeedback
 Foreign and Second Language Acquisition
 Game-based Learning
 GenAI
 Healthcare Education
 Heart Rate (Variability)
 Higher Education
 Instructional Design
 Interest
 Knowledge (Co-)Construction
 L1/Standard Language Acquisition
 Large Language Models
 Learning Analytics
 Learning and Developmental Difficulties
 Learning Strategies
 Log Data
 Longitudinal Analysis

KEYWORDS SIG27 2026 (2/2)

Mathematics/Numeracy

Mental Effort

Meta-analysis

Metacognition

Mind Wandering

Mindfulness

Motivation

Multimodal Data

Multimodal Learning Analytics

Natural Language Processing

Online Learning Environments

Pedagogical Agents

Peer Feedback

Personalized Learning Environments

Physiological Data

Physiological Synchrony

Primary Education

Problem Solving

Problem-based Learning

Psychophysiology

Randomized Controlled Trials

Reading

Scaffolding

Science Education

Secondary Education

Self-efficacy

Self-regulated Learning

Simulation-based Learning

Social Network Analysis

Socially-Shared Regulation

Special Education

Systematic Literature Review

Task Difficulty

Teacher Effectiveness

Teaching Analytics

Text Data

Think Aloud Data

Trace Data

Video Data

Wellbeing

Writing/Literacy

EARLI SIG27 2026 — REVIEW CRITERIA

SINGLE PAPER

- Theoretical framework, conceptual rationale or pragmatic grounding
- Research method and design for both qualitative and quantitative approaches (research questions, context, participants, data sources, sampling, procedure, ethical issues)
- Clarity of results and conclusions
- Significance for theory, policy and practice
- Overall quality and scientific originality

SYMPOSIUM

- Theoretical perspective, conceptual rationale or pragmatic grounding
- Organisation and coherence of the whole symposium
- Significance for theory, practice and policy
- Overall quality and scientific originality

POSTER

- Theoretical framework, conceptual rationale or pragmatic grounding
- (Planned) Research method and design (research questions, context, participants, data sources, sampling, procedure, ethical issues)
- Clarity of (expected) results and/or (preliminary) conclusions
- Significance for theory, policy and practice
- Overall quality and scientific originality

NO OR NOT-SO-PERFECT DATA

- Theoretical framework, conceptual rationale or pragmatic grounding
- (Preliminary) Research method and design (research questions, context, participants, data sources, sampling, procedure, ethical issues)
- Clarity of issue at stake
- Significance for theory, policy, and practice
- Overall quality and scientific originality

TUTORIAL

- Clarity and concreteness of learning objectives.
- Instructive and practical value.
- Theoretical framework, conceptual rationale, or pragmatic grounding.
- Coverage of the research process from planning data collection to processing and analyzing the data to interpreting the results.
- Overall scientific quality.



SIGNING UP AS A REVIEWER — EARLI SIG27 2026

The review process is essential for the quality of the scientific program of the EARLI SIG27 2026 conference. We rely on reviewers to assess the proposals submitted for consideration to be presented at the conference. Your contribution as a reviewer is much needed and highly appreciated. We kindly encourage you to sign up as a reviewer.

Reviewers will be assigned a maximum of four reviews to be assessed based on the abovementioned [criteria](#). We aim to send out the review assignments as soon as possible after the submission deadline. The review deadline is June 10, 2026.

In order to sign up as a reviewer the EARLI SIG27 2026 conference:

1. [Log in](#) to your EARLI account.
2. Click "[My Reviews](#)" in the navigation menu.
3. Locate the EARLI SIG27 Conference 2026 and click "I want to become a reviewer for this conference" (see Figure 5).
4. Select all the [keywords](#) that apply to your research expertise.

SIG 27 Conference 2026
November 18-20, 2026
Review deadline: 10/06/2026

[I want to become a reviewer for this conference](#)

Figure 5. Signing up as a reviewer for the SIG27 conference 2026.

CHAIRING A SESSION — EARLI SIG27 2026

In addition to presenting your own research or acting as a chair or discussant in a symposium, you can also volunteer to act as an EARLI SIG27 2026 Chair in a paper, poster, or no- or not-so-perfect-data session. Tutorial sessions do not require a chair as the presenter(s) act as chair(s).

Would you like to act as a chair for EARLI SIG27 2026? You can either sign up when submitting your proposal (by ticking “Available to chair” when adding the participants of your submission; see Figure 4), or at other time through your EARLI account.

Chairs are asked to do two key things. Firstly, the chair acts as the **Master of Ceremonies** for the session, ensuring that the session runs in an orderly manner and that presenters keep to the allotted time. Secondly, the chair is an **enabler of interaction and discussion**, one of the most important aspects of a research conference.

