

Submission Information and Review Criteria 2024 NCTM Research Conference

Update

The 2024 NCTM Research Conference will run concurrently with the NCTM Annual Meeting, starting Wednesday morning and running through Friday, to support Linking Research and Practice and increase collaboration between researchers and school and district teachers and leaders.

The Research Conference will include sessions specific to the research community, just as previous events have. The Research Committee is also requesting sessions that target linking research and practice and are designed to engage both the researchers and practitioners.

Login

Create an account on the [NCTM Conference Proposal site](#). Please use the same email as your NCTM account email address, if possible.

1. Select track: Research or Linking Research and Practice

Determine if your proposal is:

- Research Track - designed to engage the researchers/research community or
- Linking Research and Practice Track - designed to engage both researchers and school and district teachers and leaders.

Proposals specifically for school and district teachers and leaders are appropriate for Annual Meeting submission, not to the Research Conference.

2. Format

Select the type of proposal you are submitting:

- Interactive Workshop; 75 minutes (Wednesday only – round tables)
- Interactive Burst Workshop; 30 minutes (Thursday – Friday – round tables)
- Symposium; 60 minutes - theater setting
- Research Report; 20 minutes (3 reports per 60-minute session - theater)
- Round Table Discussions (Pilot, 30 minutes) (Wednesday – Friday)
- Poster (4ft by 8ft Poster Stand)

3. Title (Limit is 100 characters, including spaces)

Enter your session title as it should appear in the program book. Your title should not be in all capitals or all lowercase.

4. Abstract (Limit is 100 words)

Write a concise, specific description of the essential content of your research and corresponding presentation. Your description should provide attendees and reviewers with sufficient information about the context/setting for the presentation and key areas of insight or findings that will be shared. Upon acceptance of your proposal, the description will be used with the program. Use appropriate grammar and capitalization.

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5. Authors (Speakers/Co-Speakers)

Additional Presenting Authors and Contributing Authors

- Enter up to 4 additional presenting authors to this submission. You may also include contributing authors. (If you believe more than 5 presenters is warranted, contact research@nctm.org)
 - Add speakers by entering a valid email, then enter the following additional information (as applicable):
 - First name, middle name (or initial), last name
 - Employer/Affiliation, address/city/state/zip
 - Phone number
 - NCTM member ID # (needed, even if non-member)
 - Authors must have an account on NCTM.org. If you are a member or have an account, [login to find your member ID](#).
 - If you do not have an account or are not a member, please [create a free account](#).
 - Once logged in, [visit the "My account"](#) page to find your NCTM ID.
 - Social Media handle
 - Home address/city/state/zip
 - If the person is not in the database, then you may add their information.
 - Select “Presenting Author” for those presenting with you.
 - If you designate another person to be the Corresponding Author, this removes you from that role.
- Please notify co-speakers, panelists, and discussants that their participation in a proposal submission also acknowledges their agreement to:
 - be a reviewer and
 - pre-register for the conference if their submission is accepted.
- All individuals participating in a session must be pre-registered for the conference for a session to appear in the program.

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6. Descriptors

Descriptors will be used to match your proposal with the appropriate reviewers. Choose at least one in each subcategory to describe your area of research/linking research and practice with a **maximum of 5 descriptors**.

Choose at least one from each subcategory.

Grade Band

Pre-K – 2

3 – 5

6 – 8

8 – 10

10 – 12

Higher Education

Subject

Students

Coaches/Teachers

Teacher Educators

Other

Select relevant descriptors with at least 1 from each section and a max of 5 descriptors.

Content and Categorical Domains

(select a max of two from this section)

- Access, equity, and empowerment
- Algebra and algebraic reasoning
- Calculus or higher-level mathematics
- Communities and learning environments
- Curriculum and assessment
- Geometry and measurement
- Mathematical practices and processes
- Number and operations
- Statistics, data science, and probability
- Students and learning
- Teachers and teacher education
- Other

Methodology

(Select one from this section)

- Qualitative
- Quantitative
- Mixed Methods
- Research Synthesis
- Theoretical or Philosophical Proposal
- Other

7. Terms

Submitters must acknowledge having read and agreed to the terms.

Registration and Proposal Review Requirements

As the proposal submitter, I have notified the other authors of the following requirements and obtained their agreement to the following:

- All presenting authors must pre-register for the conference. Sessions with speakers who have not pre-registered may be removed from the program.

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- All individuals named in a proposal submission agree to participate in the review of others' proposals.

Technology Requirements

I understand and agree to the Technology Requirements:

- Speakers must provide their own laptop computers.
- Complimentary internet access may not be available in meeting rooms.
- I understand that I am responsible for purchasing internet access if needed.
- A projector and screen will be provided for all session types **except Round Table Discussions and Posters.**

Special Assistance

- Do you require special assistance, as defined by the ADA?
- Do you request special scheduling considerations for religious reasons?
- If either or both are YES, then provide a brief description of your needs.

8. Additional Information

Linking Research and Practice

If your proposal is in the Linking Research and Practice track, describe specifically how the session is relevant to both communities and engages both audiences. (300 word limit.)

Type of Round Table Discussions Submissions

If your proposal is a Round Table Discussion, select the type of research you'll be discussing.

- Action Research
- Research in Progress/Preliminary Findings
- Brief Report

9. Upload Review Paper - Maximum 4 Pages, single-spaced, excluding references.

Upload a single PDF containing the written session proposal - maximum 4 pages, single-spaced, excluding references. The PDF may contain tables, diagrams, etc., incorporated into the proposal and counting towards the page limit. The proposal must be blinded of the submitter's name or identifying information.

Papers will be of differing lengths and organizations depending on the type of session being submitted and the authors' work. Posters and Round Table discussions would be expected to be closer to two pages.

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Review Criteria for Submissions

Proposal should address:

A. Scholarly Foundation of Proposed Session - 8 Points

Grounding and content of the session. Description of the scholarly work/research that is central to your presentation coupled with the central focus for the session. Systematic approach and background for the work are described. Any claims made are based on “evidence” (which may include impact on practice, research results/findings, conceptual/theoretical development, etc.)

B. Timeliness and Context - 4 Points

Provide an explanation on how your proposal contributes to our collective responsibility as a field to address the range of pressing issues in mathematics education. Pressing issues for the field include, but are not limited to [Equity as a Collective Responsibility](#) (Aguirre et al., 2017), issues raised through [Catalyzing Change](#) (e.g., broadening the purposes for learning mathematics, creating equitable structures in mathematics, developing deep mathematical understanding), [Linking Research and Practice](#), and [Mathematics as a component of STEM](#).

C. Importance, value, or interest to the community - 3 Points

Why is this scholarship important for the Mathematics Education and/or Mathematics Education Research communities to hear or of significant interest to the community? How does this session add value to, disrupt current thinking, catalyze change, or advance the field of mathematics education?

D. Attendee Engagement - 3 Points (All session types except posters)

Provide a description of the engagement with participants, being mindful of your track (research or linking research and practice). Include a specific plan for how time will be allocated and how participants will be involved in learning during the session. Be sure that participants are actively engaged for at least 20% of the speaker’s time. General references to allotting time for participant questions or small group discussions are insufficient. For example, if you are doing small group discussions, be specific about the questions they will be asked to engage in and how the results of these discussions will be shared with the whole group.

E. Linking Research and Practice - 3 Points (Only Linking Research and Practice Proposals)

The proposal is clear about why and how the session is relevant to both communities and engages both audiences.