



Scientific Computing with AI

Are you a student focusing on
computational modeling tools?

We have a competition for you!

- ❑ Challenge is to build a conduction equation solver in MATLAB *from scratch* by leveraging AI tools

$$\nabla(k\nabla T) = Q$$

- ❑ Performance of the solver must be assessed and improved by participants
- ❑ To level the playing field only GitHub Copilot for students and MATLAB Copilot can be used
- ❑ Participants will submit their AI prompts and MATLAB code and prepare a presentation for the SHTC conference
- ❑ **Deadlines:**
 - May 15th – Register for the competition
*Participants can register during their SHTC 2026 conference registration **OR** email the competition organizer below.*
 - May 18th – Final details and registration confirmation will be emailed to participants
 - July 10th – File submission emailed to organizers
 - July 26th-29th – Presentation at SHTC and winners announced

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