UNIC-CASS Mentoring Session

2025-2026 Progress Questionnaire Results

Presented by: D-to-T mentoring team

February 5, 2024

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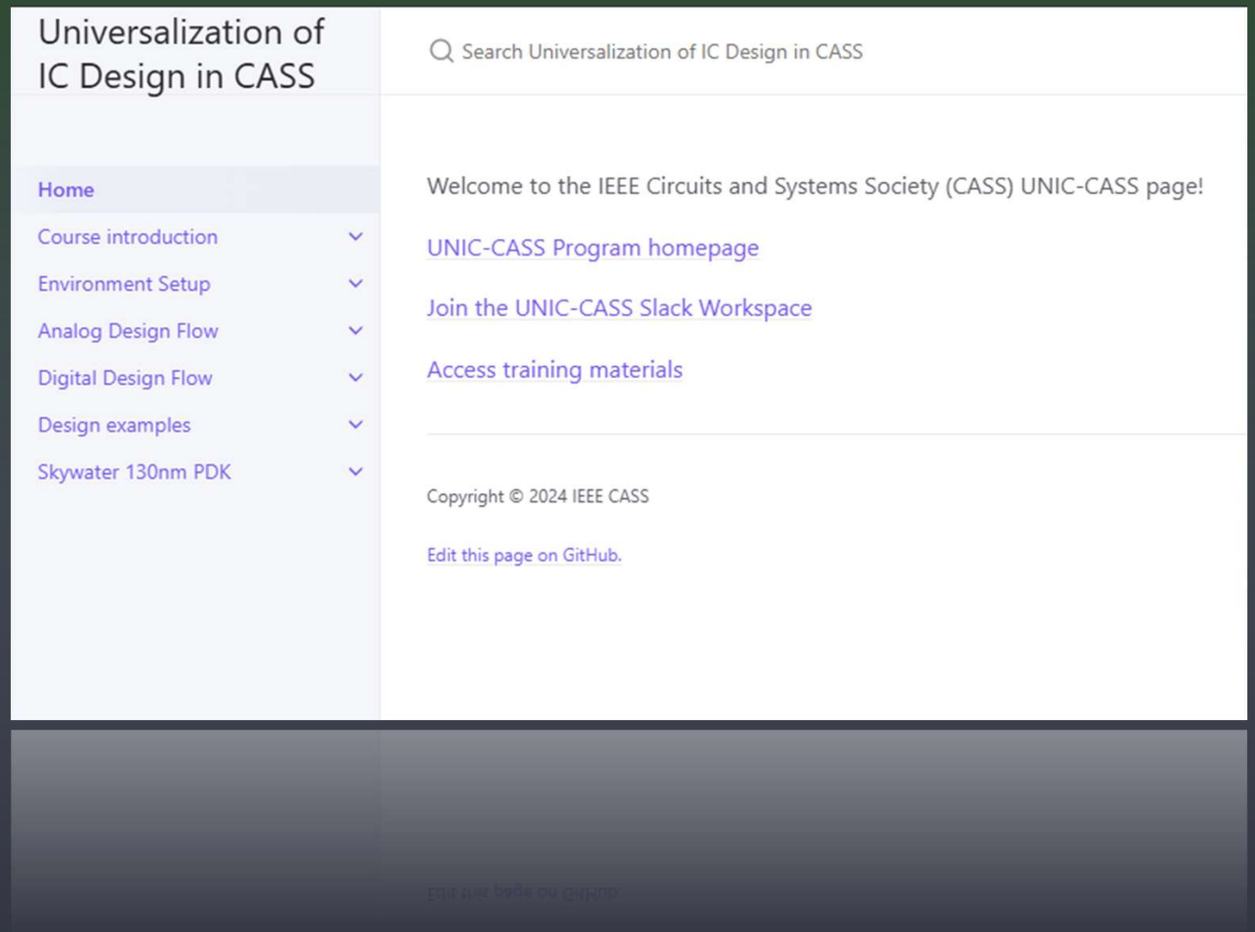
UNIC-CASS Page

Do not miss the educational material at

https://unic-cass.github.io/



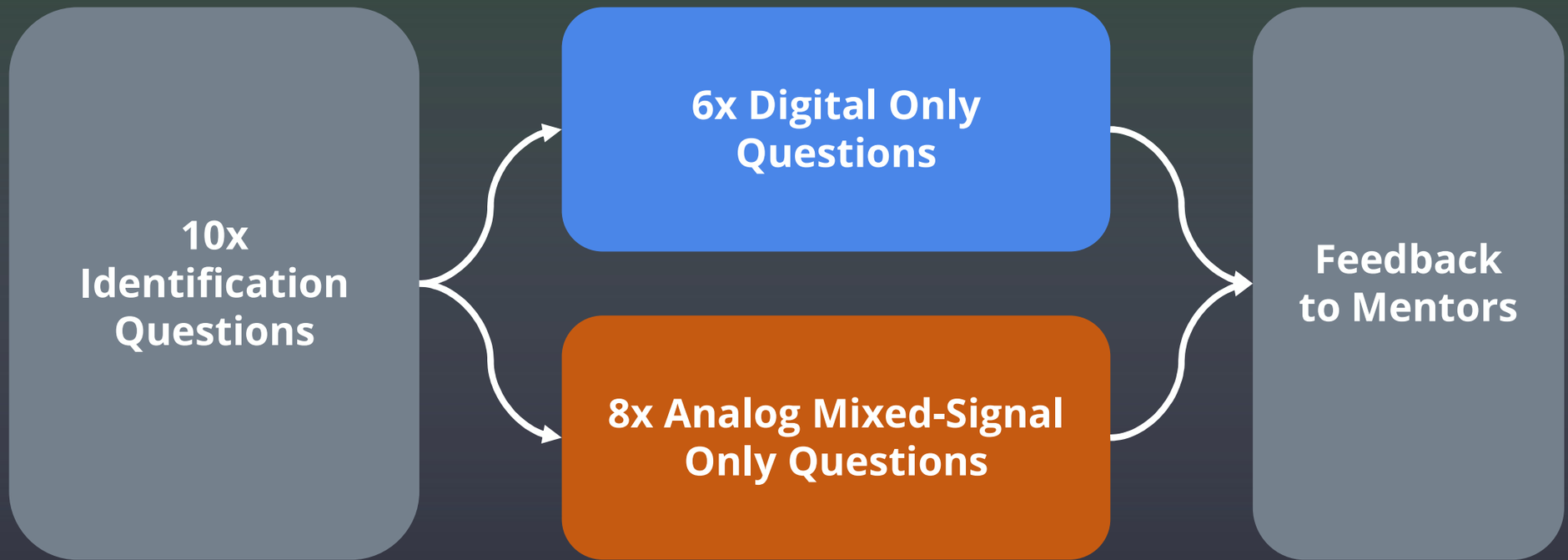
Track Team Progress Towards Tape-out

- Monitor each team's milestones
- Identify bottlenecks early to ensure teams stay on track for tape-out

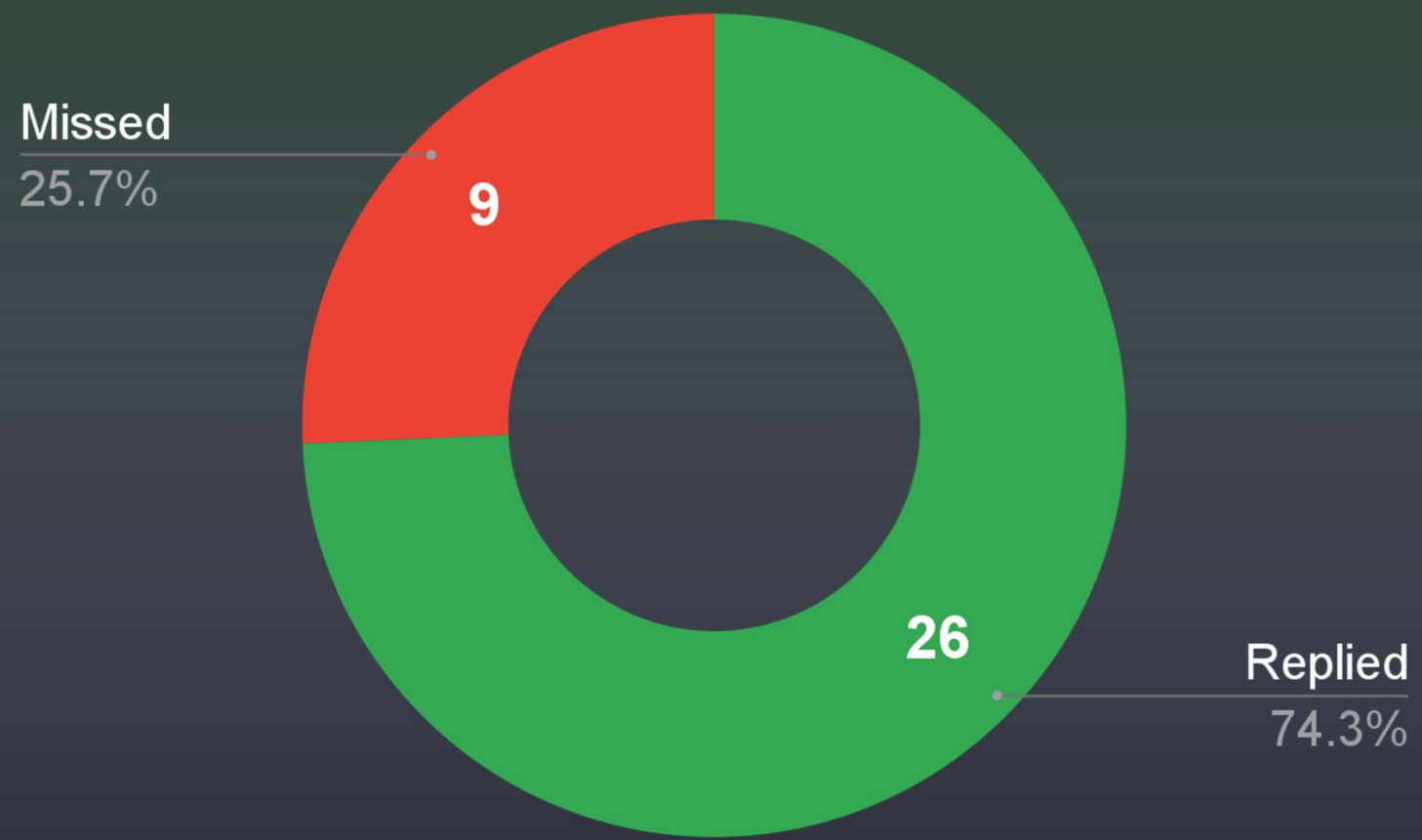
Refine and Improve the Program

- Ensure that training, tools, and resources meet the evolving needs of participants
- Gather feedbacks to improve this and future programs

Progress Questionnaire

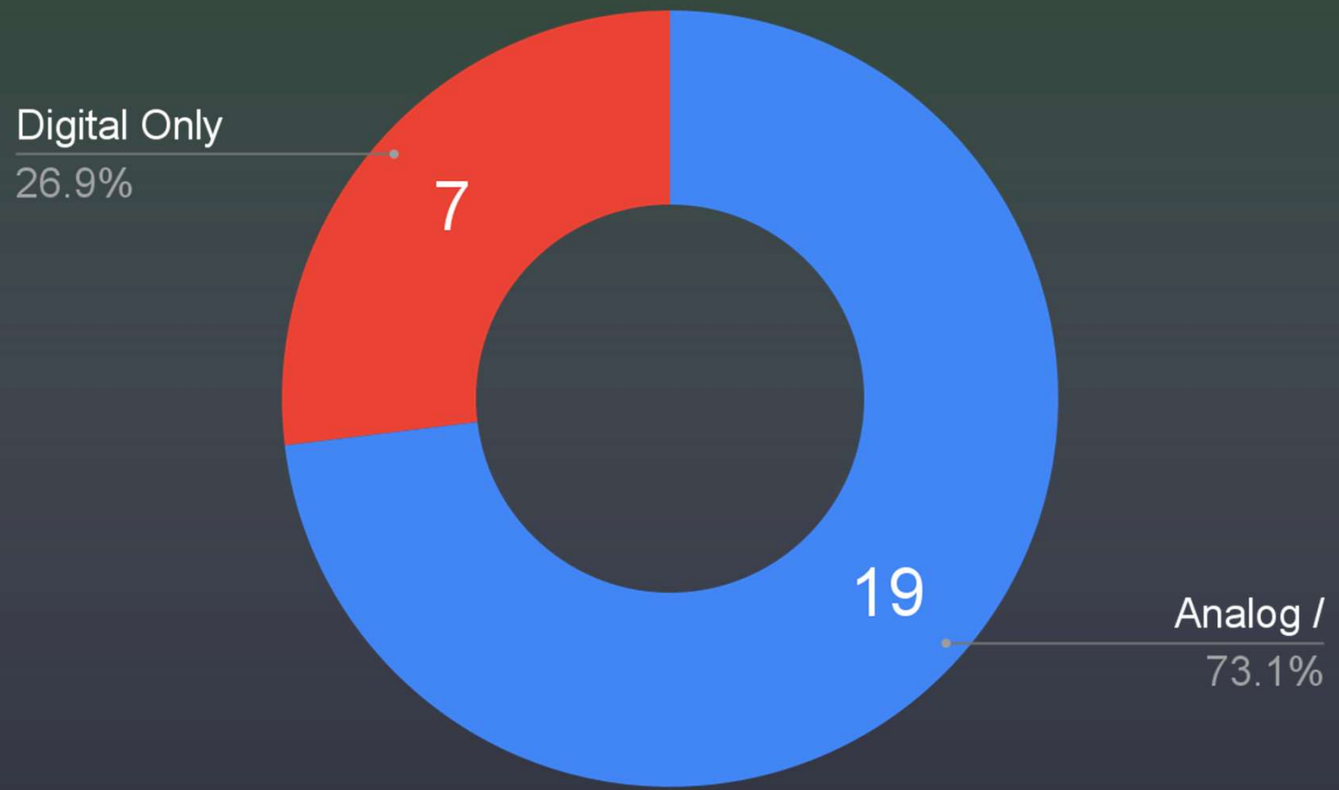


Number of Teams that Filled the Progress Questionnaire



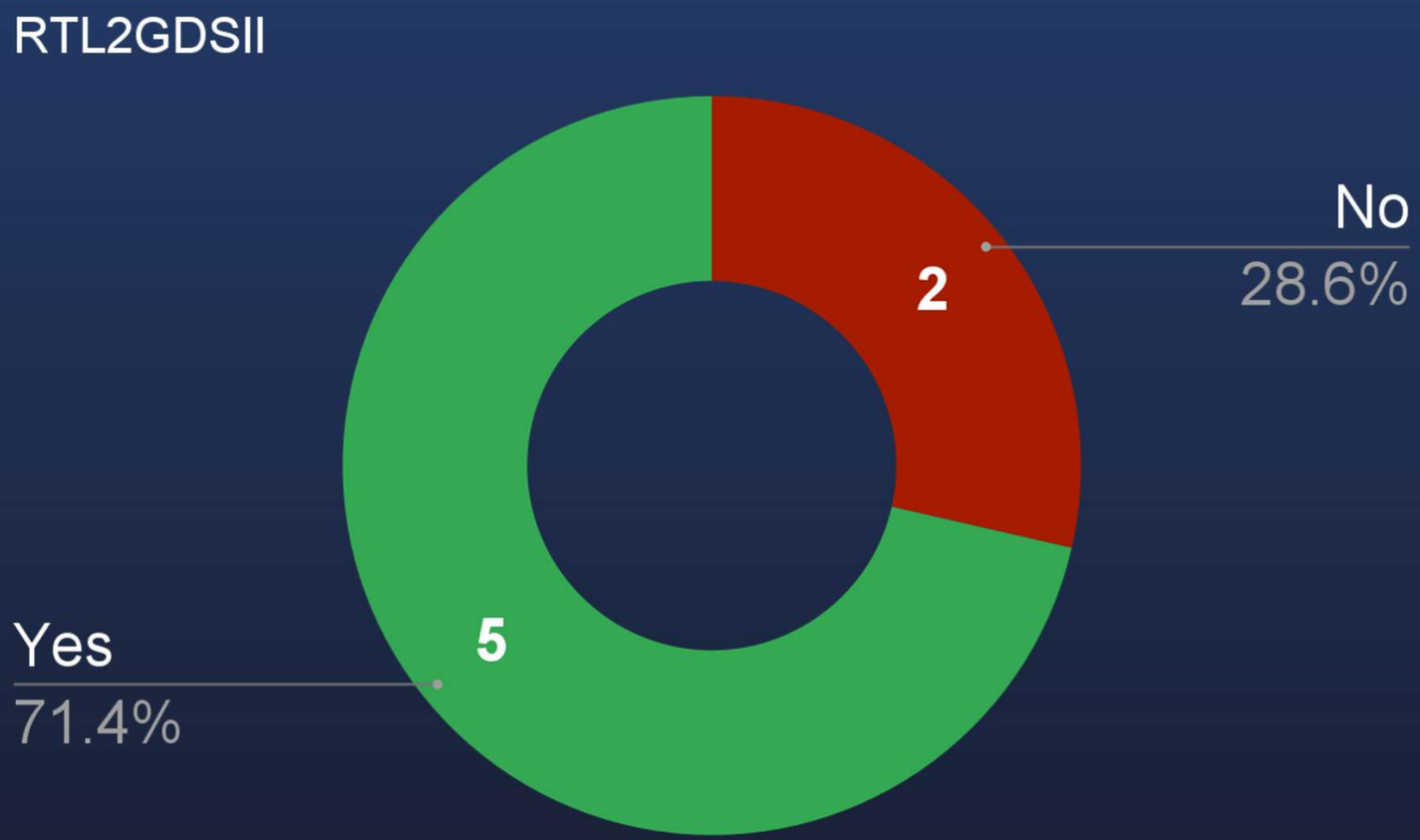

1st Questionnaire
2nd Questionnaire
1st Questionnaire
2nd Questionnaire
18 Teams
24 Teams
19 Teams
26 Teams
XX Teams
2023 2024
2024 2025
2025 2026

Distribution of Designs



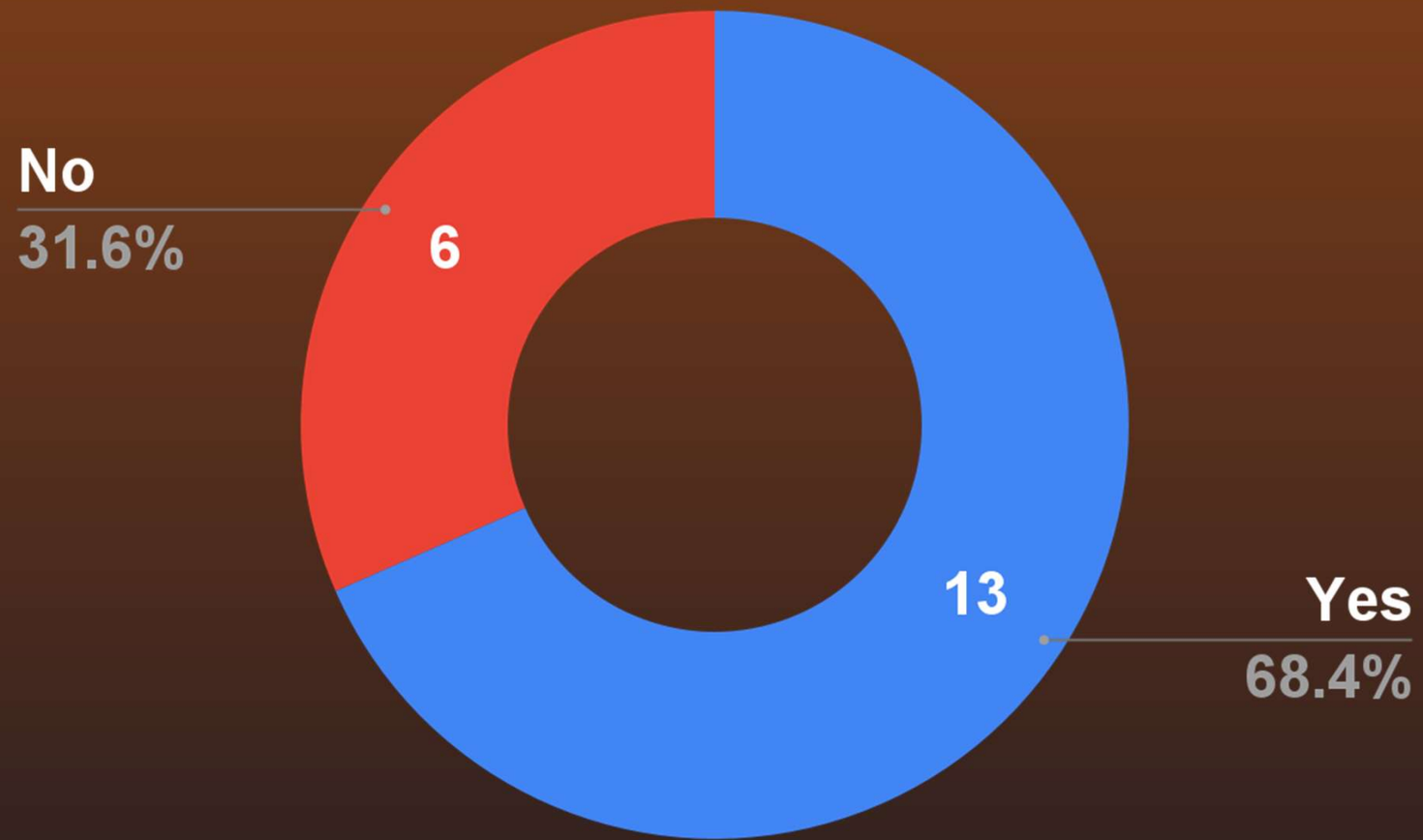
Digital-Specific Questionnaire Results

Number of Teams that Completed the RTL2GDSII Flow



AMS-Specific Questionnaire Results

Number of Teams that Completed the Circuit Schematic



Feedback from UNIC-CASS Designers

16 Feedback Answers

(out of the 26 answers)

Feedback from Digital Designers

1. Add an end-to-end tutorial covering full project customization and the complete EDA flow
1. Simplify and unify tool installation/documentation, especially for users new to GitHub/Docker
1. Provide guidance for designs that are too complex for limited computing resources
1. Keep the current documentation and community support, which were positively rated

Feedback from AMS Designers

1. More content on post-layout simulation (PEX, multi-corner, AMS flows with open tools)
1. Hands-on layout sessions (KLayout/Magic), including good practices and top-level integration
1. Deeper coverage of DRC–LVS–PEX, including padring LVS and IO-pad simulations
1. Guidance on AMS-specific layout topics (e.g. inductors, parasitics, IO-cells)
1. Methodologies for transistor sizing (W/L), e.g. LUT-based approaches
1. Clearer organization and submission timelines
1. Overall feedback highlights the program as a unique and highly valuable opportunity, especially for underrepresented regions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