

International Technical Committee Report

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IOI 2025

Long-term memory:

Helped the host with planning of contest infrastructure.

Fire brigade:

There was an exceptionally high number of technical issues this year. Still, the impact on contestants was minor. We thank the HTC for cooperation.

New software

New and updated software at this IOI:

- A new election system.
- Revived development of CMS.
 - merged changes from previous IOIs
 - merged changes from several local forks
 - API for the contestant interface (e.g., for ioisubmit)
 - many other improvements
- Updated translation system:
 - promises
 - machine translation using DeepL
 - many internal improvements
- Automated maintenance of Matrix rooms based on data from the registration system.

Feedback and contributions welcome!

IOI tools (available at <https://ioi.github.io/>):

- Sandbox (Isolate)
- Translation system
- Task preparation system
- Election system
- Technical checklist for future hosts

ITC webpage:

<https://itc.ioinformatics.org/>

Feedback and contributions welcome!

ITC's long-term projects:

- Security of grading
- Performance of CMS
- Efficient grading of interactive tasks
- New programming languages

Contributions welcome!

The IOI Infrastructure

Mailing lists:

- **ioi-ga** – members of this year's GA (auto-subscribed)
- **ioi-announce** – low-volume, moderated
Members of ioi-ga get subscribed automatically.
- **ioi-discuss** – general discussion
- **ioi-ic, ioi-sc, ioi-tc** – members of the committees
- **ioi-training** – connecting organizers of regional training camps with people interested in teaching
- *<https://lists.ioinformatics.org/>*

Other:

- Matrix
- Task proposal dropbox
- Internal ISC/ITC systems (e.g., IOI archive)

THANK YOU!

