

IOI Technical Working Group

Motivation, Proposal

Motivation

- IOI Competition involves many *technical* aspects
- ISC focuses on *scientific* aspects
- Technical experience is *not re-used* effectively
- IOI Community has a lot of experience through national & regional olympiads

Technical Aspects

- **Competition workplaces:** computer hardware, operating systems, compilers, editors, debuggers, ...
- **Communication infrastructure:** network, security, ...
- **Competition support system:** administration, submission, evaluation, resource limiting, reporting, inspection (‘analysis mode’), statistics, ...
- **Task-related software:** interactive libraries, checkers, ...

Proposal

- Establish **IOI Technical Working Group** (ITWG)
- Serves *secondary* purpose
- Integrated into ISC
- Works on technical IOI aspects *all year round* (e.g. involved in open-source software development)
- No authority to decide; may advise, make proposals

Form

- ISC is extended with *two* members: **ITWG Chair, 3rd member for IOI'n (in charge of technical matters)**
- ITWG Chair is separately proposed by IC & approved by GA, every 3 years; must have extensive technical experience
- ITWG members are invited from IOI community, serve as ISC *adjuncts*, are preferably delegation members

Next Year

- ISC members for Hosts IOI' $n-1$, n , $n+1$ must be their **HSC Chairs**, serving 3 years
- 2nd ISC member for Host IOI' n must be in charge of the **IOI' n Competition Tasks**, serving 1 year
- 3rd ISC member for Host IOI' n must be in charge of **IOI' n Technical Matters**, serving 1 year
- IC nominates other members, GA **approves**

We want you ...

- as candidate ISC members
- as candidate ITWG members