

Baltic Olympiads in Informatics (BOI)

Jūratė Skūpienė, Vilnius University, Lithuania

Baltic Olympiad in Informatics (BOI)

- Contest for Baltic Region countries
- IOI style contest
- For high school students



BOI stands for

- **Baltic Olympiad in Informatics**
- Balkan Olympiad in Informatics

These are different contests!



BOI – Regional Contest

9 member countries

- Denmark
- Norway
- Sweden
- Finland
- Estonia
- Latvia
- Lithuania
- Poland
- Germany



BOI History

- Established in 1995
- By Estonia, Latvia and Lithuania
- Goal was to give the students competing experience in a different country (i.e. not home environment) and train for IOI
- Team size was 8 students



BOI History

- In 1997 by initiative of Valentina Dagienė it started growing by inviting new countries to join as regular member countries



BOI Goals

- Typical ones.... (like in other contests)
- Each BOI country may have its own goals
 - Compete
 - Train younger participants
 - Practice before IOI
 - Select a national team for IOI
 - Give an opportunity for new team leaders to practice



Typical BOI schedule

▶ Day 1

- ▶ Arrival
- ▶ Practice session
- ▶ Opening
- ▶ Finalizing tasks and translations for contest day 1

▶ Day 2

- ▶ Contest day 1
- ▶ Finalizing tasks and translations for contest day 2

▶ Day 3

- ▶ Contest day 2
- ▶ Free time or excursion

▶ Day 4

- ▶ Excursion
- ▶ Awards

▶ Day 5

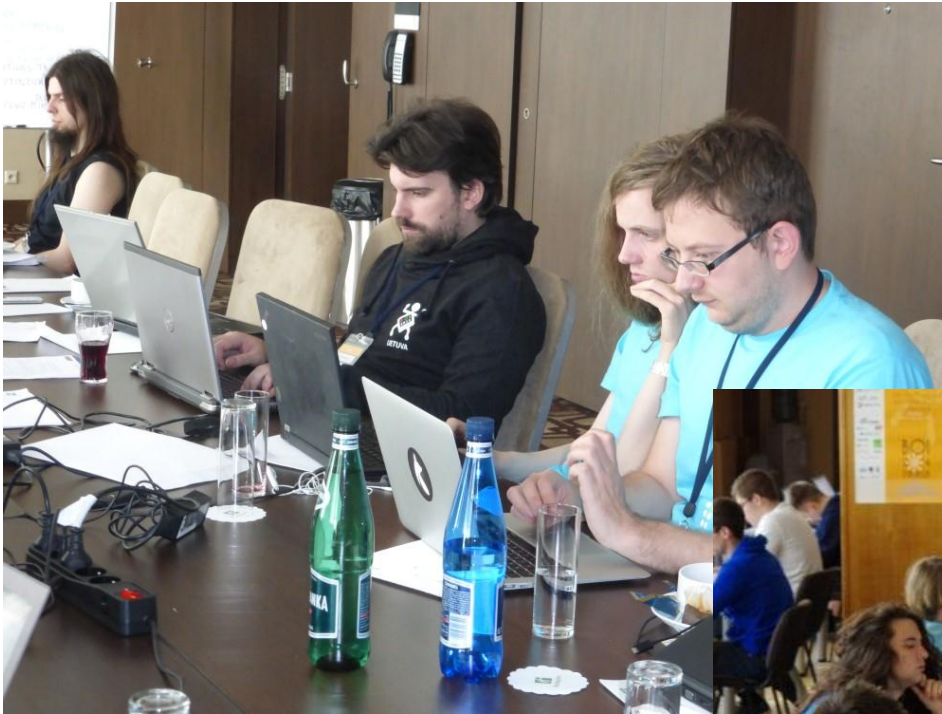
- ▶ Departure



Typical BOI schedule



Typical BOI schedule



Typical BOI schedule



BOI in numbers

- 6 participants per team
- 54 – 60 participants in total
 - Host country might send a second team
 - Host country might invite a quest team (participated USA, Hungary, Switzerland, etc.)
 - Exceptional cases – unofficial participants (i.e. team with more than 6 members)
- 18-20 team leaders



BOI & IOI

- **Before end of IOI registration**
- Training for IOI
- Selection for IOI
- **Following IOI trends**
- IOI nature of tasks



BOI & IOI

- Pascal (yet), C/C++, Java
- 3 problems per 5 hours
- 2 competitions days
- Grading system – host country decides



If IOI introduces new feature/language, it is likely that it will be introduced in BOI as well



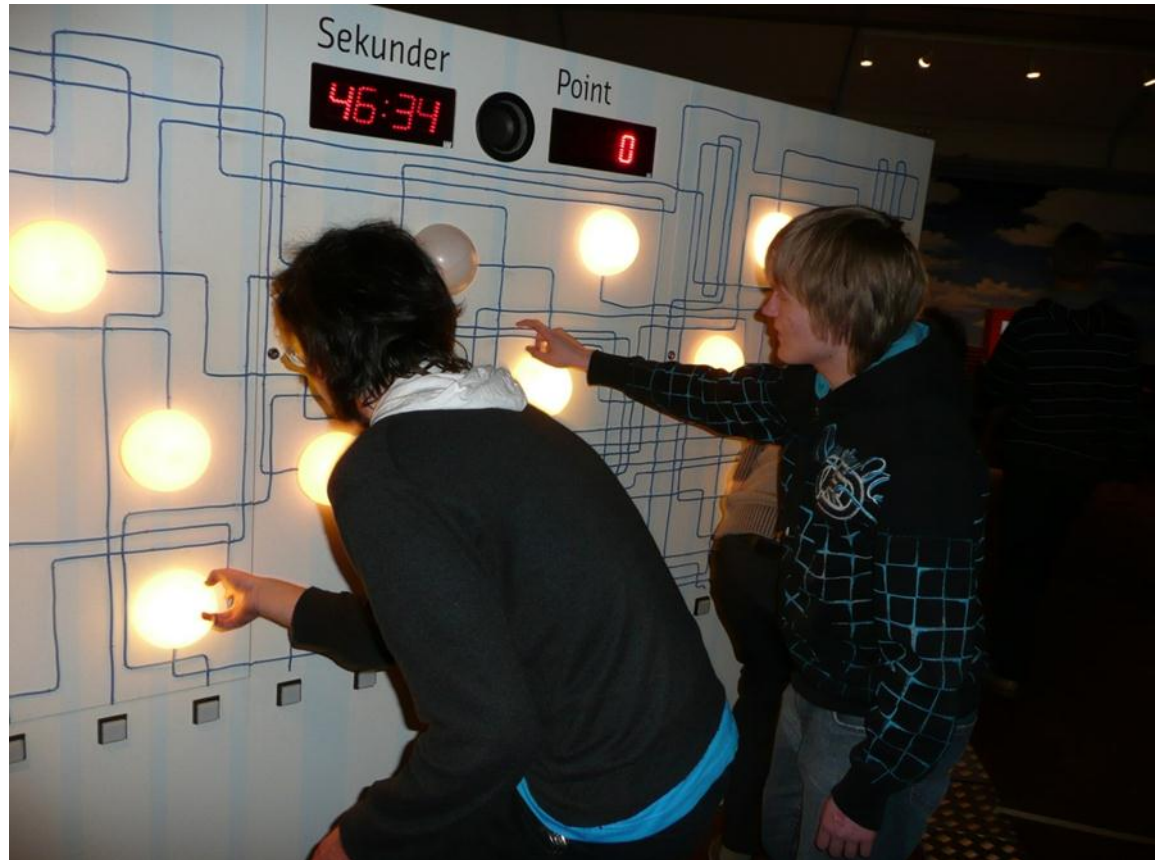
Friendly BOI

- Tasks proposed by all countries
- Tasks translated before BOI
- No curfew



Friendly BOI

- Short GA meetings (could qualify for Guinness records)
- More relaxed event for leaders (compared to IOI)
- More time for fun



BOI task archives

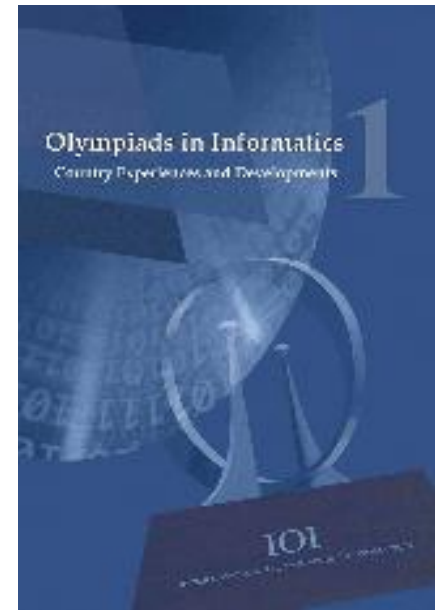
- Packed archive of all tasks of all years available on [Lithuanian Olympiad Website](#)
- Tasks of the current year available on host website



Scientific analysis of BOI tasks

- Published in “Olympiads in Informatics”, Vol. 3
“Baltic Olympiads in Informatics: Challenges for training together”

by Timo Poranen et. all



BOI on-line

- Hosts are not obliged to run a mirror contest, but if they have an opportunity they do! (e.g. in 2016)
- BOI takes place in April/May
- Call for participation is typically sent to IOI mailing list

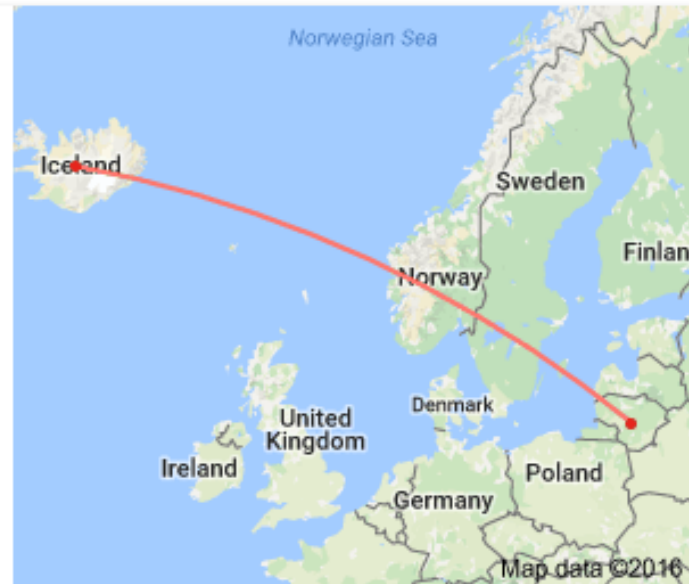


Other BOI issues/developments

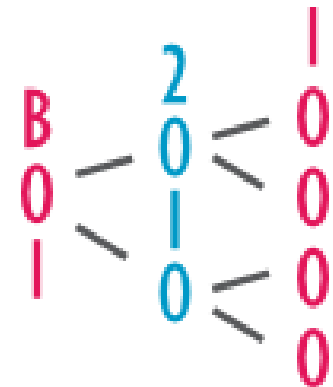
- Proposal to create International BOI board/committee
- Finding finances is not easy for some countries
- Proposal to include Iceland
- Proposal to rename to Northern-Baltic Olympiad
- Intention to create a BOI website

2,552 km

Distance from Iceland to Lithuania



Past BOI websites



BOI'2017 host - Norway





Prepared by: Jūratė Skūpienė
Vilnius University
jurate.skupiene@mii.vu.lt

