

SWERC'2017

Opening Ceremony

November 25-26th 2017, Paris

Welcome Word

Antoine Amarilli
Contest Director



Guest Speeches

Welcome Address from the Organizing Institution Head

Guest Speaker, *Yves Poilane*,
Director of Télécom ParisTech



Welcome Address from ACM-ICPC

Guest speaker, *Božena Mannová*,
ICPC European Regional Director



ICPC and SWERC key facts

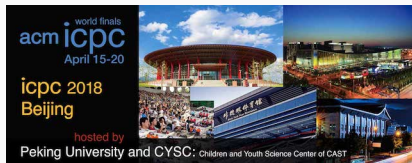
ICPC and SWERC key facts

About the International Collegiate
Programming Contest

How does the contest work?



Regionals are **autonomous** and organised by a **local university**.



Participation in 2016/2017

More than **300 000 students** have participated to local competitions in 2016.

Participants at regionals	Number
Students	46 381
Universities	2 948
Countries	103

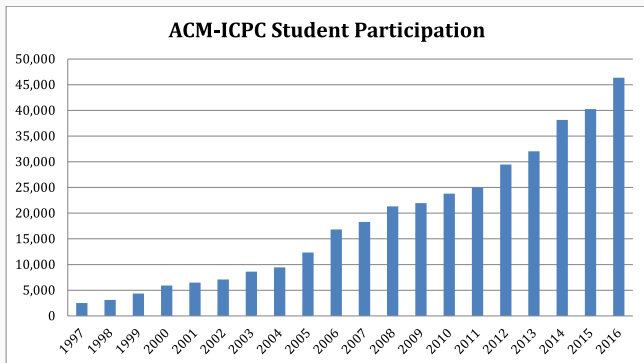
At the World Finals in 2017, **133 teams** participated.

History of the contest

1970 First competition, in Texas.

1977 Goes international. Teams of 4.

1989 Teams of 3 students.



20-fold increase over the last 20 years

ICPC and SWERC key facts

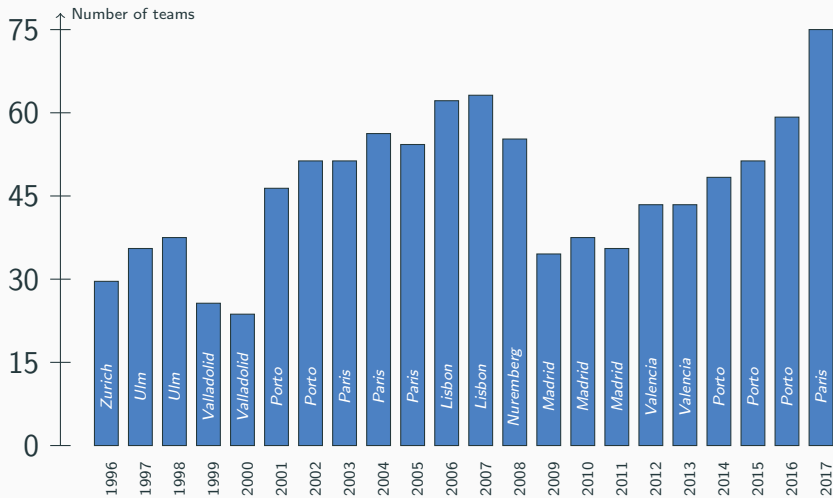
About the Southwestern Europe
Regional Contest



Organized by Télécom ParisTech, École normale supérieure, and a **local team** of judges and volunteers.

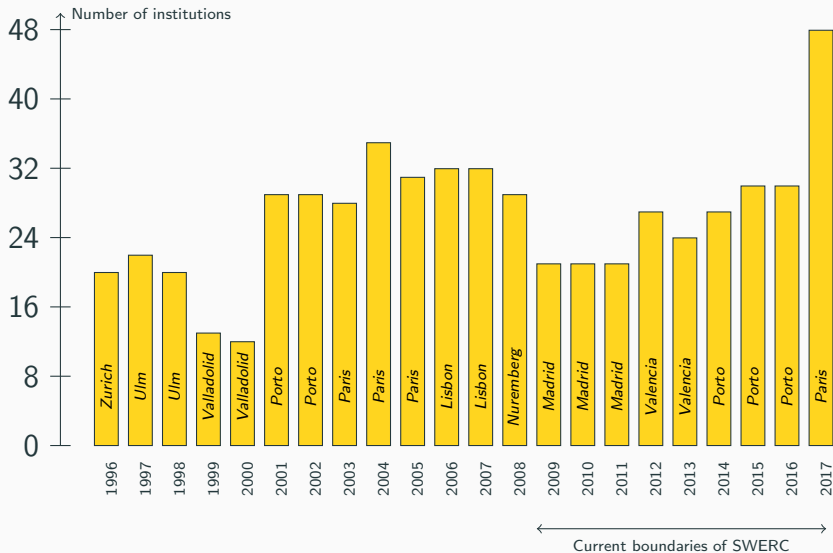
Participants at SWERC'17	Number
Institutions	48
Teams	76
Students	228
Total attendees	284

More and more teams



← Current boundaries of SWERC →

More and more participating institutions



Latest SWERC winners

Year	1 st place	2 nd place
2016	ENS Ulm	ETH Zürich
2015	UP Catalunya	ETH Zürich
2014	UP Catalunya	ETH Zürich
2013	UP Catalunya	ETH Zürich
2012	UP Catalunya	UP Catalunya
2011	UP Catalunya	ENS Lyon
2010	ETH Zürich	Technion
2009	UP Catalunya	ENS Ulm
2008	ENS Lyon	UP Catalunya

Results at the ICPC world finals

Year	ICPC Winner	SWERC 1 st	SWERC 2 nd
2017	St. Petersburg ITMO	34 th	34 th
2016	St. Petersburg State	51 st	Honorable
2015	St. Petersburg ITMO	28 th	64 th
2014	St. Petersburg State	Honorable	45 th
2013	St. Petersburg ITMO	27 th	27 th
2012	St. Petersburg ITMO	36 th	N/A
2011	Zhejiang University	42 nd	N/A
2010	Shanghai Jiaotong Univ.	36 th	36 th
2009	St. Petersburg ITMO	34 th	49 th

Practical information about SWERC'17

General rules

- Everyone should **feel good** at the contest:
 - please bring your **good spirit**
 - respect our *Code of Conduct*
 - don't forget to **have fun!**
- Attendance to the whole event is **mandatory**
- **Blue** badges: organizers. **Green** badges: judges.

Schedule

- The schedule is in the participant **information booklet**.
- Be **on time!** Especially:
 - For the contest:
No entrance to the labs after 9:20 on Sunday.
 - For the banquet: mind the time to get there!
No service for latecomers!
- Engineers from **Criteo**, **Palantir**, and **Société Générale** are here: **breaks** are a great time to **chat** with them!

(Very) late arrivals

- If not yet done, let us take a picture of your (complete) team at the **photo studio**.
- By now, everybody should have received their **badges**, **T-shirts**, etc., and given us their **notebooks**

We are sharing the building with other people:

- Please **wear your badge** at all times.
- **T-Shirts** are **mandatory** during the contest (and recommended otherwise).
- Cooperate with security at the entrance (bag check).

Premises

School is **open** between **8:00** and **18:00**.

The following rooms are reserved for us:

- Entrance Hall, Auditorium, Computer Labs.
- Room B310 and B312 for **coaches** and **contestants**.
- Room B312 for **contestants**.
- Room B547 for non-watched luggage storage.

*The room will be locked on Sun during the contest,
but please leave your stuff with your coach.*

- Please use the **Eduroam** ID provided by your institution.
- If you do not have one, use the ID given in the booklet.
- Information on <https://www.eduroam.org>.

Public version of the contest

Public version of the contest on
<https://domjudge.di.ens.fr/>.

- Open to anyone (free registration)
- Coaches already have an account, will be given before the practice
- Same problems, but separate scoreboard

→ Share with friends!

Also, public scoreboard of the official contest:

<https://swerc.eu/theme/results/official/public>.

Tech Talks by our Sponsors

Building secure search at Palantir

Ben Skowera,
Product Quality Engineer
at Palantir



Questions, comments, feedback. . .

Coffee break

10:15–10:45



Load balancing and unnecessary optimization at Criteo

Raphael Vandon

Senior software engineer
at Criteo Labs



Questions, comments, feedback. . .

DevOps, microservices, security, cloud,... : Docker, a catalyst for IT challenges?

Adrien Blind,
Thought Leader at Société Générale
& Docker Captain



Questions, comments, feedback. . .

SWERC'2017

