SWERC 2018
Participant Information

Télécom ParisTech and École normale supérieure are happy to welcome you in Paris for the 2018 edition of the ACM-ICPC Southwestern European Regional Contest!

The event takes place on December 1–2, and the official SWERC website is `https://swerc.eu/`.

Sponsors

ICPC receives the sponsorship of JetBrains. SWERC and all the European regions receive the sponsorship of Huawei. In addition, SWERC is supported by our local sponsors: Gold sponsors Lokad+CoinGeek+nChain and Systran, Silver sponsors Almerys, Facebook, Île de France and Télécom ParisTech, and Bronze sponsors Criteo Labs and Inria.

1 Schedule

Friday, November 30th

17:00–19:30 *(Entrance Hall)* Team Registration

Saturday, December 1st

08:05–08:30 *(Entrance Hall)* Last-Minute Registration and Team Photography

08:30–09:15 *(Auditorium)* Opening Ceremony
Gérard Memmi, Head of the Computer Science and Networks Department at Télécom ParisTech
Veronika Soboleva, ICPC Director of Development

09:15–10:30 *(Auditorium)* Workshop of Europe Sponsor Huawei by Merouane Debbah (Director of the Mathematical and Algorithmic Sciences Lab of France R&C Huawei)

10:30–11:00 *(Entrance Hall)* Coffee Break and open discussions with the sponsors

11:00–11:30 *(Auditorium)* Talk by Gold sponsor Lokad: *"Introspection and Optimization"* by Victor Nicollet (CTO of Lokad and 2005 SWERC alumnus)

11:30–12:00 *(Auditorium)* Talk by Gold sponsor Systran: *"Algorithms for Natural Language Processing - a 50-year-long challenging journey from rule-based to deep learning"* by Jean Senellart (SYSTRAN Chief Scientist)

12:00–12:30 *(Auditorium)* Introduction to Practice Session

12:30–14:30 *(Canteen)* Lunch: Warm meal, and open discussions with the sponsors *(Entrance Hall)*

14:30–16:30 *(Computer Labs)* Practice Session
Coaches may use rooms B310 and B312, and access the computer labs from 15:30 onwards.

16:30–17:00 *(Entrance Hall)* Coffee Break and open discussions with the sponsors

17:00–17:30 *(Auditorium)* Questions and Answers

19:00–23:00 *(Paris Marriott Rive Gauche Hotel & Conference Center)* Banquet

Sunday, December 2nd

08:20–08:40 *(Auditorium)* Last Minute Information

08:40–09:00 *(Computer Labs)* Entrance to Labs

09:00–14:00 *(Computer Labs)* Contest
Snacks available during the contest. Coaches may use rooms B310 and B312 and access the scoreboard and a public version of the contest. From 11:00 to 12:00, meeting in B310 between coaches and organizers to discuss the future of SWERC.

13:30–15:30 *(Canteen)* Lunch
Cold meal tray
Coaches are invited to have lunch at 13:30 and contestants can join them after 14:00.
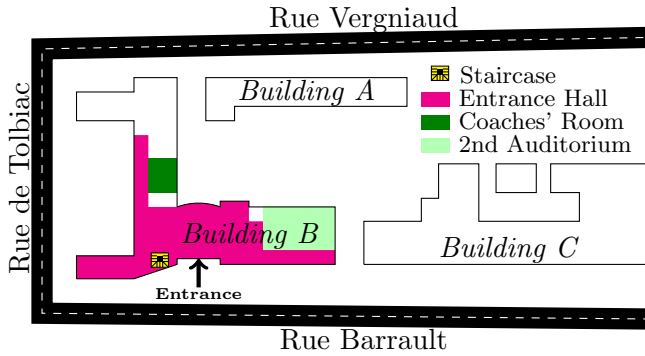
15:30–16:00 *(Auditorium)* Problem Analysis

**16:00–17:30** *(Auditorium)* Awards Ceremony

2 Venue

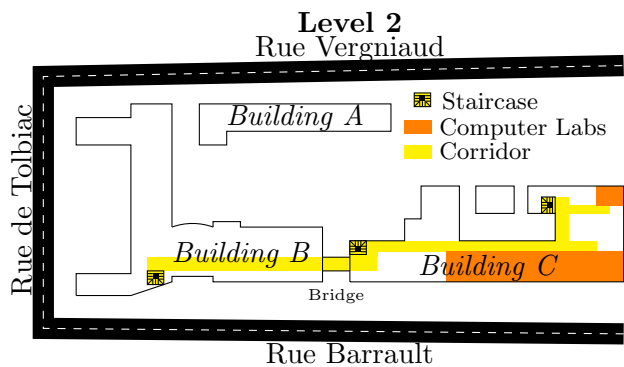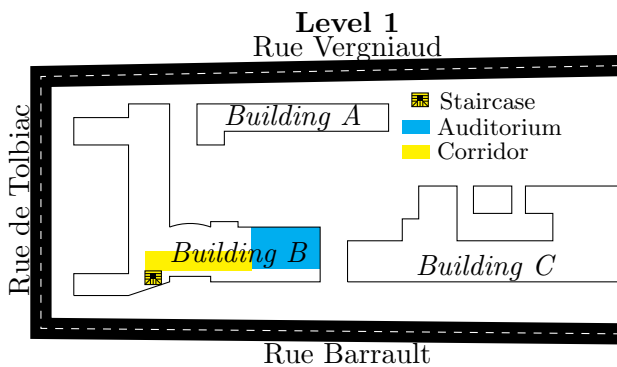**Main venue:** Except for the banquet on Saturday night, the whole event is held at:

Télécom ParisTech, 46 rue Barrault, Paris

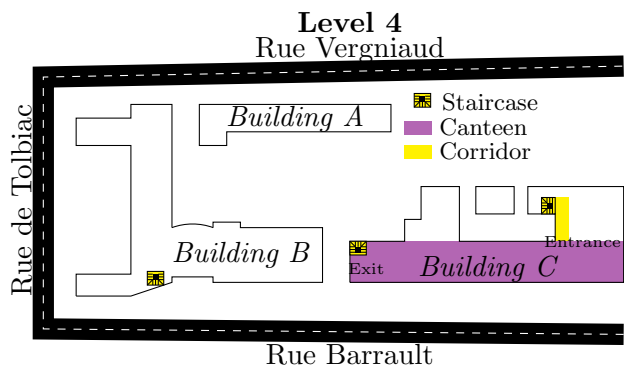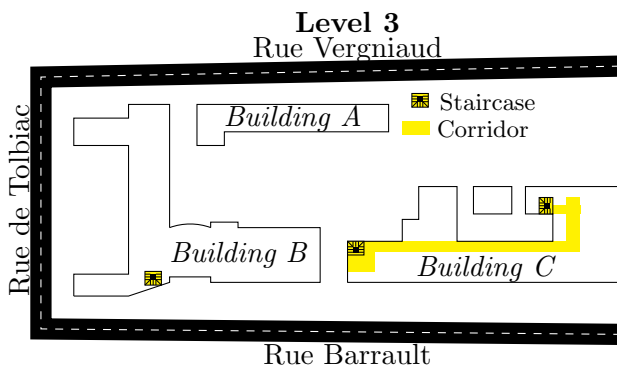The main gate will be open from 8:00 to 18:00 on both days.

When entering by the **Entrance** on rue Barrault, you arrive at the Entrance Hall (in magenta), where coffee breaks will be held. The **Secondary Auditorium** is immediately accessible: leave your coat and bags there. You can also use the Staircase 🎦 to access **Level 1** (with the auditorium) and **Level 2** (with the computer labs). Coaches can also access the Coaches' Room (in dark green) where they can stay during the contest.

Here is a map of **Level 1** and **Level 2** of the building that you can reach with the Staircase 🎦:

Access to the school canteen is trickier: get to **Level 2** in Building C, climb one floor up to **Level 3**, cross the long corridor of **Level 3** in Building C, climb one floor up to **Level 4**, you have arrived.
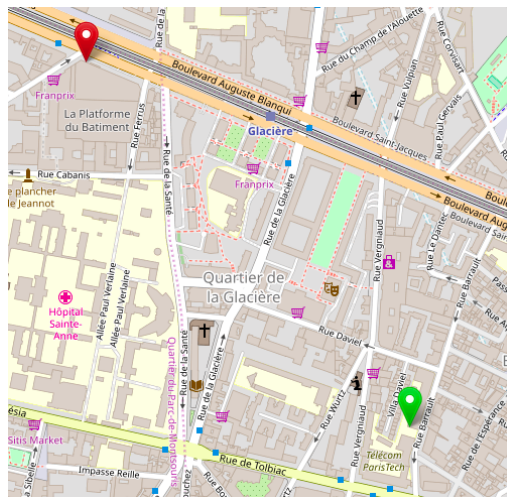
Bars or restaurants in the neighborhood of Télécom ParisTech: Right next to our school, there are plenty of restaurants and bars in the rue de la Butte aux Cailles, the rue des Cinq Diamants and the neighbouring streets. You will meet there a young, trendy and festive Parisian crowd. Keep your eyes open as the district of la Butte aux Cailles is also home to the local street art scene. For a restaurant district not too far, you can also check the *Latin Quarter* (e.g., rue Mouffetard, rue de Saint-Séverin, etc.), which is 30 minutes away by foot. For traditional *crêpes*, check rue du Montparnasse and rue de la Gaîté. For Asian food, check avenue de Choisy.

Banquet venue: The banquet is held at *Paris Marriott Rive Gauche Hotel & Conference Center*. It is located near Télécom ParisTech at 17, boulevard Saint-Jacques. The banquet will take place on the third floor, starting at 19:00.

Please make sure to bring your badge so that you can be identified as a participant.

You can reach the banquet venue from Télécom ParisTech by foot in about 5-10 minutes (sadly the route is not especially scenic this year). Use your best shortest path algorithm from the green pin to the red pin on the map.

3 Practical information

3.1 Cloak room and streaming

The Secondary auditorium will be open and watched by a volunteer to serve as cloak room. It is immediately accessible from the Entrance Hall on the ground floor. We strongly recommend that you leave your jacket and bag(s) in the cloak room to be more comfortable in the Auditorium.

Remember that **you will not be permitted to bring any bag to the contest floor**. In any case, we recommend that you leave any valuable items or electronic devices at your hotel or with your coach during the contest.

The main contest events in the Auditorium will also streamed to the Secondary auditorium in case you want to watch them in a less crowded atmosphere. The stream will also be available online for people to watch remotely (see `https://swerc.eu/` for details).

3.2 Lunches

Lunches will be served at the school canteen (Building C, last floor).

Saturday: The canteen will serve food from 12:30 to 14:00. You can go at any time or, if you prefer to cooperate to avoid queues, you can respect the time indicated on your dedicated information sheet. ;-) The information sheet also gives all necessary information about the meal arrangements. Please ask a volunteer if you have food allergies or other special needs.

Sunday: The canteen will serve a packed lunch from 13:30 to 15:00. We invite coaches to go before 14:00 and contestants to go once the contest is over. Meat and vegetarian options will be offered (on a first-come first-served basis).

Sponsors: Our sponsors will be at their booths in the Entrance Hall during the lunch breaks: this is the perfect time to chat with them.

4 Contest

Regulations. Please refer to `https://swerc.eu/2018/regulations/` for details about applicable regulations. Here is a summary of the most important rules:

- Please wear your **t-shirt** on top and **badge** at all times during the contest.

- **No electronic devices** are permitted in the contest area, including keyboards, phones, smart-watches, laptops, calculators. Team members **must** leave all electronic devices with their coach prior to entering the contest area. Teams found with electronic devices will be disqualified.

- **No communication** is permitted between contestants during the contest, except between members of the same team when seated at their desk. Any attempt to communicate across teams will lead to disqualification.

- **No printed materials** or paper are permitted in the contest area, except your Team Reference Document as installed by us, and the draft paper, problem statements, and printouts that we will provide.

- Any activity that jeopardizes the contest may lead to disqualification. This includes attempts to access the Internet, excessive printing, abuse of system resources, etc.

- Please bring your own pens, mascots, etc., to the contest area on Saturday during practice, and leave them there for the contest on Sunday. No additional materials can be brought to the contest area on Sunday. Likewise, do not take Team Reference Documents away on Saturday (but do take them away on Sunday).

- All questions about problems should be asked via the DOMjudge contest control system. Any problem with the computing environment should be reported to the volunteers onsite.

Environment. Please go to `https://swerc.eu/2018/environment/` for details about the computing environment: hardware, keyboards, operating systems, packages (e.g., text editors, software development tools, and IDEs), versions and options of interpreters and compilers, judging system, etc.

Wifi. Please use the eduroam network with your own identifiers if possible (check details with your home institution or on `https://www.eduroam.org/`). If you do not have eduroam identifiers, you can use the following:

> **ESSID:** eduroam
> **login:** telecom811303-8126
> **password:** RHH2NXwT

By using our Wifi network, you agree to the terms and conditions of our IT charter, which is available (in French) at: `https://www.telecom-paristech.fr/fileadmin/documents/images/Enseignements/FI/Services_numeriques/CharteInformatique_TPT_fr_2012.pdf`).

Code of conduct. We are dedicated to providing a harassment-free experience for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability, physical appearance, body size, race, ethnicity, or religion (or lack thereof). We do not tolerate harassment of SWERC participants in any form. Sexual language and imagery is not appropriate during SWERC, including talks, contests, and social events. Participants violating these rules may be expelled from SWERC without a refund at the discretion of the organizers.

If you are being harassed, notice that someone else is being harassed, or have any other concerns, please contact a SWERC organizer (they can be identified by their blue T-shirts and badges) and ask for Laure Prétet (on Saturday) or Daria Pchelina (on Sunday).

5   Organization Team

The organization committee is very grateful for the support it has received from the schools, the faculty, the staff, and the students who are helping. We would especially like to thank the following people:

Organizing committee (blue t-shirts):
- Director: Antoine Amarilli, Télécom ParisTech
- Chief judge: Pierre Senellart, École normale supérieure
- Deputy director: Bertrand Meyer, Télécom ParisTech

ICPC headquarters:
- Veronika Soboleva, ICPC Director of development
- and all the people working for the central ICPC organization

Judges and problem setters (red t-shirts):
- Mehdi Bouaziz (Facebook)
- Christoph Dürr (CNRS, LIP6)
- Jean-Christophe Filliâtre (CNRS, LRI)
- Louis Jachiet (CNRS, CRIStAL)
- Jacques-Henri Jourdan (CNRS, LRI)
- Vincent Jugé (Université Paris-Est Marne-la-Vallée)
- Silviu Maniu (Université Paris-Sud)
- Raphaël Marinier (Google)
- Carine Pivoteau (Université Paris-Est Marne-la-Vallée)
- Samuel Tardieu (Télécom ParisTech)

Staff at Télécom ParisTech:
- Yves Poilane, Directeur
- Gérard Memmi, Directeur du Département Informatique et Réseaux
- Frédéric Boulanger, Responsable du Pôle logistique, Secrétariat général
- Dominique Célier, Directrice, Direction de la communication
- Cyrielle Flosi, Adjointe à la Directrice, Direction de la communication
- Dominique Gaillard, Reponsable Division immobilier et logistique, Secrétariat général
- Patrice Le Gac, Pôle logistique, Secrétariat général
- Christophe Masson, Ingénieur Réseaux, Direction des systèmes d'information
- Ariel Vives, Ingénieur Systèmes, Direction des systèmes d'information
- and the whole teams of the *Division de la logistique*, of the *Direction des systèmes d'information*, and of the *Direction de la communication.*

Volunteers (blue t-shirts):   Sow Babacar, Wael Barhoumi, Hadrien Barral, Ahmed Ben Abdallah, Mohamed Amine Ben Moussa, Étienne Bernard, Raphaël Bocquet, Martin Briceno Anicama, Hussein Chouman, Nathanaël Courant, Moez Ezzeddine, Frank Facundo, Thibauld Feneuil, Loïc Février, Guilhem Gamard, Stéphane Henriot, Thomas Huet, Georges-Axel Jaloyan, Marc Jeanmougin, Jizhe Liu, Simon Mauras, Anton Medvedev, Filippo Miatto, Firas Omrane, Daria Pchelina, Mário Pereira, Laure Prétet, Thomas Rebele, Étienne Simon, Thomas Tanon, Veronica Vargas Salas, Hiba Yousef.

Photography and video: Association Comète, Télécom ParisTech.