

Partnership Plan

ÉTS Delegation of Computer Science Competitions



2016 / 2017

Delegation of computer science competitions

The Delegation of computer science competitions (DCI) bring together, each year, ÉTS' (École de technologie supérieure) best computer science students, to represent the university in regional, national and international grade events. We take part in computer science competitions, attend computer science conferences, and organize competitions within the university.

Mission

The Delegation of computer science competitions brings passionate students to learn while they're completing computer challenges. They are attending events in order to stimulate ingenuity, develop team spirit, and perform. During the competitions, members have to surpass the theoretical framework to elaborate innovative solutions for complex problems. In doing so, the Delegation is contributing to train the next generation of computer science professionals, better prepared to face the issues of the industry. With the partnerships, the Delegation of computer science competitions has the objective of promoting the collaboration and to encourage enlightening exchanges between the student and professional communities.

Membres

The members of the Delegation form the avant-garde of the computer sciences students at ÉTS. They're participating to events throughout the year. Members are recruited within the student community. The Delegation is open to all; the interested people can attend to most of the competitions and promotional events, learn more about the activities and ultimately join the team. Over years, the Delegation of computer science competitions has become a reference for software engineering and IT engineering students at ÉTS.



Computer Science Games 2016



CSAW Finals 2015

Activities

Our delegation is present, year after year, to many competitions. This year, we wish to send a delegation to, at least, the following competitions: the Computer Science Games (CS Games), the NorthSec, the CSAW and the HackFest. We also intend to participate in other online computer security competitions.

Computer Science Games

The CS Games is an annual event where more than thirty teams from the biggest North American universities face each other in competitions in various computer science and software engineering challenges. They gather each year more than 300 students from various North American universities and consist of 14 small competitions including subject such as database, debugging, artificial intelligence, extreme programming, web and more.

CSAW

The CSAW (Cyber Security Awareness Week) is an annual competition in international security level where hundreds of participants compete, for two days, in an online “hacking” race. The best participants from Canada and the United States have the chance to be admitted to the final round of the competition which is held in New York City.

International Collegiate Programming Contest

Seen as the Olympic Games of computer science, the ACM-ICPC is one of the most reputed algorithmic competition gathering the best students around the world. The competition includes three level: preliminary, regional and international. Teams, composed of three people, must solve complex programming problems the fastest as they can. It will be the first participation of the Delegation this year.

Northsec

NorthSec is a computer security competition organized by software and computer engineering students. This will be the third occurrence for this event which aims to improve system security awareness and comprehension for all participants, by organizing a “capture the flag” (CTF) competition. NorthSec provides networking opportunities between participants and industry professionals because it is open to everybody. Participants face each other in cryptanalysis, reverse-engineering, malware analysis, vulnerabilities investigation, network analysis and smartcard analysis.

Hackfest

The HackFest is an yearly event held in Quebec City regrouping security professionals and hobbyists. A conference is held on-site, as well as various competitions, such as “capture the flag”.

Other security competitions

We also represent ÉTS in various other competitions in computer security. These competitions normally take place over the Internet, and aim to test the participants security talents.

Past Results

The Delegation stands out in various important competitions. Here's an overview of the results of the last years.

Compétition	2013	2014	2015	2016
Computer Science Games	1st place 2nd place	Hosted at ÉTS	1st place 7th place	1st place 5th place
Northsec	3rd place	3rd place	1st place	1st place
CSAW Qualifications	21st place	33rd place	7th place	11th place
CSAW Finals	5th place	15th place	7th place	12th place
iCTF	21st place	14th place	4th place	-
World ranking (CTF Time)	192nd	167th	67th	109th



Computer Science Games 2016



Northsec 2016

Partnership

We are currently looking for partners that will help to make our ambitions a reality and allow our activities to take place. We offer different visibility levels to our partners, to help them gain visibility within ÉTS, Canadian and North American Universities, and in the various conferences we attend. Our partners will also get in contact with promising future candidates. Please note that it is possible to receive a tax receipt for your contribution.

	Bronze 250\$	Silver 500\$	Gold 750\$	Platinum 1000\$	Diamant +2000\$
Logo on Delegation shirts	✓	✓	✓	✓	✓
Logo on the web site	✓	✓	✓	✓	✓
Logo on promotional t-shirt		✓	✓	✓	✓
Special thanks on our social networks		✓	✓	✓	✓
Logo on web site home page			✓	✓	✓
Curriculum vitae of each delegation member				✓	✓
Promotional merchandise distribution				✓	✓
Logo on a sleeve of Delegation shirt					✓
Corporate event with the Delegation					✓



CSAW Qualifications 2015



Computer Science Games 2016 qualifications at ÉTS

Contact

Do not hesitate to contact us, as it will be a pleasure to answer your questions and to evaluate with you the possibility of a personalized plan to suit your needs. We hope to establish durable and mutually beneficial partnerships. Thank you for your interest towards the Delegation.

Benoit Côté-Jodoin
Head of Délégation

Jean-Luc Montreuil
Communications director

dci@aeets.com



Computer Science Games 2016