



The CENTRE for EDUCATION  
in MATHEMATICS and COMPUTING

*2018  
Canadian  
Computing  
Competition  
Results*

Sponsors:

**WATERLOO**  
**MATHEMATICS**

*Junior Competitors*

Students are listed in alphabetical order within each group.

Dans chaque group, les élèves sont nommés en ordre alphabétiques.

<b>Name/Nom</b>	<b>School/École</b>	<b>Location/Endroit</b>
<b>Group 1: Scores from 70 to 75</b>		
COPPACK	CALUM	Northern S.S.
GAO	JUSTUN	Ashbury College
GAO	LEO	Vernon Barford School
GUILBEAULT	SAMUEL	Hillfield-Strathallan Coll. H.S.
HAN	BAO	YSA Suzhou
HAO	SHUYANG	Colonel By S.S.
HARRIS	WILL	Pierre Elliott Trudeau H.S.
HEYNING	COEN	Christ Church Grammar School
HOPKINS	ADRIEN	Innisdale S.S.
JIANG	HANGYAN	Magee S.S.
JIANG	KEN	Lisgar C.I.
JIANG	MAX	Lisgar C.I.
KERN	DECKLYN	Strathcona H.S.
KIM	ANDY	Colonel By S.S.
KOH	CALLUM	Christ Church Grammar School
KOZIEROK	EVAN	Mount Anthony Union High School
LAI	ALBERT	Pierre Elliott Trudeau H.S.
LAVOIE	OLIVIER	Cegep de Rimouski
LIU	SERENA	North Toronto C.I.
LO	ALSTON	Richmond Hill H.S.
LO	CHRIS	Semiahmoo S.S.
LU	JINGTAO	Jakarta Int'l School
MACK	LOGAN	Lisgar C.I.
MAYER	MOSES	Jakarta Int'l School
METZINGER	MICHAEL	Centennial C. and V.I.
MIRVISH	MATTHEW	Bloor C.I.
MOON	DO-OH	Richmond Hill H.S.
MORAN	TOMER	Vanier College
ROTTER	JONATHAN	Concordia International School Shanghai
SINGH	DEVDIGVIJAY	Victoria Park C.I.
TAN	NICHOLAS	Eric Hamber S.S.
TEST	TEST	
WU	STEVEN	John Fraser S.S.
YAN	BRIAN	
ZHOU	JOEY	Abbey Park H.S.
ZHOU	XU YANG	YSA Beijing
<b>Group 2: Scores from 61 to 69</b>		
BASARAN	EMRE	Pickering College
BLUMENTHAL	GUY	Riverdale C.I.

**Student Honour Roll****Palmarès étudiants**

<b>Name/Nom</b>		<b>School/École</b>	<b>Location/Endroit</b>
CHEN	YITONG	YSA Suzhou	Suzhou Jiang Su, –
CHIU	JONATHAN	University of Toronto Schools	Toronto, ON
COZA	TRAIAN	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
DONG	ANDY	Centennial C. and V.I.	Guelph, ON
EYBEL	ALANNA	Cameron Heights C.I.	Kitchener, ON
GAO	SHIQING	Jinan Foreign Language School	Jinan, –
GARLAND	SKYLAR	Notre Dame R.C.S.S.	Burlington, ON
GASKIN	PATRICK	Anderson C. and V.I.	Whitby, ON
GRANDHI	ALAAP	Turner Fenton S.S.	Brampton, ON
GU	JIA YI	St. Marcellinus S.S.	Mississauga, ON
HE	JERRY	Lord Byng S.S.	Vancouver, BC
KONG	MARTIN	Abbey Park H.S.	Oakville, ON
LEE	JUNYUP	New Westminster S.S.	New Westminster, BC
LEESON	RYAN	Eric Hamber S.S.	Vancouver, BC
LEUNG	SPENCER	Eric Hamber S.S.	Vancouver, BC
LIU	YU	Western Tech. Comm. School	Toronto, ON
LIU	YILI	Richmond Hill H.S.	Richmond Hill, ON
MA	AARON	John Fraser S.S.	Mississauga, ON
MCGORMAN	STUART	London Central S.S.	London, ON
NEBESNY	MICHAEL	Anderson C. and V.I.	Whitby, ON
NGO	ELLIOT	Woburn C.I.	Scarborough, ON
PEJOVIC	ALEX	Humberside C.I.	Toronto, ON
PLUGACHEV	NIKOS		North York, ON
SCHMEHL	CONNOR	Appleby College	Oakville, ON
SINCLAIR	AURELIE	Bloor C.I.	Toronto, ON
SINCLAIR	CONNOR	Greenwood College School	Toronto, ON
SNELGROVE	DYLAN	Markville S.S.	Markham, ON
SONG	XINYI	Earl of March S.S.	Kanata, ON
SUN	VICTOR	Iroquois Ridge H.S.	Oakville, ON
TERESI	DAVID	Danforth Coll and Tech. Inst.	Toronto, ON
TIAN	TYLER	Bloor C.I.	Toronto, ON
WANG	BRIAN	University of Toronto Schools	Toronto, ON
WHITE	CALDER	Sir John A. Macdonald S.S.	Waterloo, ON
WONG	BENNY	Eric Hamber S.S.	Vancouver, BC
WU	WENYING	Eric Hamber S.S.	Vancouver, BC
ZAIDI	KAMRON	Richmond Hill H.S.	Richmond Hill, ON
ZHANG	BOB	Concordia International School Shanghai	Pudong, –
ZHANG	XITING	Guangdong Country Garden Sch.	Foshan City, –
ZHOU	XIAOHE	YSA Suzhou	Suzhou Jiang Su, –
ZHOU	YI WEI	Aurora H.S.	Aurora, ON
ZUO	DAVID YAOFU	St. George's School	Vancouver, BC

*Senior Competitors*

Students are listed in alphabetical order within each group.

Dans chaque group, les élèves sont nommés en ordre alphabetiques.

Name/Nom	School/École	Location/Endroit
<b>Group 1: Scores from 56 to 75</b>		
CHAU BRIAN	Woburn C.I	Scarborough, ON
FU ROGER	Marc Garneau C.I.	North York, ON
HUANG MICHAEL	Bell H.S.	Nepean, ON
LAN SUNNY	Richmond Hill H.S.	Richmond Hill, ON
LIAO ZIYU	Don Mills C.I.	North York, ON
LIN ANDREW	University Hill S.S.	Vancouver, BC
LIU JEFFREY	Marc Garneau C.I.	North York, ON
PUN AVA	Marc Garneau C.I.	North York, ON
RONG VICTOR	Marc Garneau C.I.	North York, ON
SHEN AO	Westmount C.I.	Thornhill, ON
SUN KAI	A.B. Lucas S.S.	London, ON
SUN HAN XIANG	Markville S.S.	Markham, ON
TANG ANDREW	Erindale S.S.	Mississauga, ON
TEDJOSOESILO JASON	Bina Bangsa School	Jakarta, –
WANG HAIFAN		Richmond Hill, ON
WANG MENGXI	The Affiliated H.S. of South China Normal Uni.	Guangzhou Guangdong, –
XU YUHENG (JACK)	Unionville H.S.	Markham, ON
XU ALLAN		North York, ON
YI RICHARD	William Lyon Mackenzie C.I.	North York, ON
YU JOEY	Thornhill S.S.	Thornhill, ON
ZENG BILL	Unionville H.S.	Markham, ON
ZHANG EVAN	William Lyon Mackenzie C.I.	North York, ON
ZHONG JOEY	University of Toronto Schools	Toronto, ON
ZHOU ZIXIANG	University Heights P.S.	London, ON
<b>Group 2: Scores from 51 to 55</b>		
CHEN GEORGE	Marc Garneau C.I.	North York, ON
CHEN LEON	Pierre Elliott Trudeau H.S.	Markham, ON
EROL MEHMET HAMZA	Karsiyaka Ugur Okullari Ornekkoy Kampusu	Izmir, –
GAO JIM	Bayview S.S.	Richmond Hill, ON
GUGELER KEENAN	Waterloo C.I.	Waterloo, ON
JIANG HENNING	Vincent Massey S.S.	Windsor, ON
MAKSIMOVSKI VLADIMIR	Yahya Kemal College	Skopje, –
MEHDI ADAM	Vincent Massey S.S.	Windsor, ON
OU SIMON	Bayview S.S.	Richmond Hill, ON
PAN JOSHUA	Proof School	San Francisco, CA
PAN KEVIN	Pierre Elliott Trudeau H.S.	Markham, ON
QIN BILL	Phillips Academy	Andover, MA
SONG DANIEL	Westmount S.S.	Hamilton, ON
TANG MAX	Richmond Hill H.S.	Richmond Hill, ON

**Student Honour Roll****Palmarès étudiants**

<b>Name/Nom</b>		<b>School/École</b>	<b>Location/Endroit</b>
TANG	HENRY	Marc Garneau C.I.	North York, ON
TAVCHIOSKI	ILIJA	Yahya Kemal College	Skopje, –
TENENBAUM	LEO	University of Toronto Schools	Toronto, ON
XU	SCOTT	Vincent Massey S.S.	Windsor, ON
YANG	ALEX	Agincourt C.I.	Scarborough, ON
ZHANG	YIHONG	Hangzhou New Century Foreign Language School	Hangzhou, –
ZHANG	BOYUE	Hangzhou New Century Foreign Language School	Hangzhou, –
ZHANG	WEN TAO	Thornlea S.S.	Thornhill, ON
ZHOU	YOU	Vincent Massey S.S.	Windsor, ON

**Group 3: Scores from 46 to 50**

ARIAZ	RUDY	Richmond Green S.S.	Richmond Hill, ON
CAO	ROGER	Robert Thirsk High School	Calgary, AB
CHELLIAHPILLAI	GANATHYASHAN	Glenforest S.S.	Mississauga, ON
DANCY	RYAN	Anderson C. and V.I.	Whitby, ON
DASHTEVSKI	FILIP	Yahya Kemal College	Skopje, –
DENG	YI	William Lyon Mackenzie C.I.	North York, ON
FOUND	IAIN	Sir Robert Borden H.S.	Nepean, ON
GUO	THOMAS	Phillips Exeter Academy	Exeter, NH
HALIM	HOWARD	University of Toronto Schools	Toronto, ON
HARMS	SIMON	Bloor C.I.	Toronto, ON
JIANG	MICHAEL	Unionville H.S.	Markham, ON
KITAEV	ALEXANDER	Waterloo C.I.	Waterloo, ON
LI	YUAN RUI	Bloor C.I.	Toronto, ON
LI	BENJAMIN	Bloor C.I.	Toronto, ON
LIAO	ISAAC	Earl Haig S.S.	North York, ON
LU	DAVID	The Woodlands Sec. School	Mississauga, ON
LUO	ROYI	Richmond Hill H.S.	Richmond Hill, ON
MA	JOEY	Pierre Elliott Trudeau H.S.	Markham, ON
MAI	STEVEN	University of Toronto Schools	Toronto, ON
MATUSCH	BRENDON	Lo-Ellen Park S.S.	Sudbury, ON
NIU	DANIEL	The Woodlands Sec. School	Mississauga, ON
SHANNON	ARIELLE	University of Toronto Schools	Toronto, ON
SHI	YU AN	Bloor C.I.	Toronto, ON
TAI	JAMES	Hugh McRoberts S.S.	Richmond, BC
TANG	DAVID	University of Toronto Schools	Toronto, ON
XU	MOSES	Appleby College	Oakville, ON
XU	ALEX	White Oaks S.S.	Oakville, ON
YOU	QIZHE	Abbey Park H.S.	Oakville, ON
ZHONG	SI CHENG	A.Y. Jackson S.S.	North York, ON
ZHU	TOM	Bur Oak S.S.	Markham, ON
ZINOGLI	EMAD	Georges Vanier S.S.	North York, ON

**Group 4: Scores from 40 to 45**

BAO	ANDY	Waterloo C.I.	Waterloo, ON
BAUER	MATTHEW	Davidson Academy	Reno, NV
BEDI	JASRAJ	Burnsview S.S.	Delta, BC
CHANG	ANTHONY	Marc Garneau C.I.	North York, ON

**Student Honour Roll****Palmarès étudiants**

<b>Name/Nom</b>		<b>School/École</b>	<b>Location/Endroit</b>
CHAU	TAN	York Memorial C.I.	York, ON
CHEN	QI	Guangdong Country Garden Sch.	Foshan City, –
CHEN	JIAHAO	Chongqing Maple Leaf Int'l School	CHongqing, –
DAMIANI	SETH	Com. Hebrew Academy of Toronto	Toronto, ON
DENG	LANGXING	York Mills C.I.	North York, ON
DING	JERRY	St. George's School	Vancouver, BC
FAN	KEVIN	Bell H.S.	Nepean, ON
FUNG	WILLIAM	Richmond Hill H.S.	Richmond Hill, ON
GAO	QIJIA (ANNIE)	A.Y. Jackson S.S.	North York, ON
GAO	JEFFREY	William Lyon Mackenzie C.I.	North York, ON
GU	HENRY	Don Mills C.I.	North York, ON
GU	ANDI	St. Francis Xavier S.S.	Mississauga, ON
GUO	ETHAN	Sir John A. Macdonald S.S.	Waterloo, ON
HE	YUXUAN	Erindale S.S.	Mississauga, ON
HODGKINSON	BRET	Crescent School	North York, ON
HUANG	WILLIAM	Woburn C.I.	Scarborough, ON
HUANG	KEVIN	A.Y. Jackson S.S.	North York, ON
KAPUSTIN	VASILY	Newmarket H.S.	Newmarket, ON
KHOUBYARIAN	SOROUSH	Earl Haig S.S.	North York, ON
KIM	NATHAN	University of Toronto Schools	Toronto, ON
KOU	THOMAS	Burnaby North S.S.	Burnaby, BC
KOUCHAKI POUR	NAVID	Georges Vanier S.S.	North York, ON
KWIATKOWSKI	MATTHEW	River East C.I.	Winnipeg, MB
LI	BJON	Markville S.S.	Markham, ON
LI	SELINA	Colonel By S.S.	Gloucester, ON
LI	AARON	Vincent Massey S.S.	Windsor, ON
LIANG	JINGZHI	Marc Garneau C.I.	North York, ON
LIAO	ALEXANDER	Waterloo C.I.	Waterloo, ON
LIN	ZIHONG	The Affiliated H.S. of South China Normal Uni.	Guangzhou Guangdong, –
LIN	DEVIN ZHIHAN	Bayview S.S.	Richmond Hill, ON
LIU	SIMON	Victoria Park C.I.	North York, ON
LIU	VICTOR	Markville S.S.	Markham, ON
LIU	LOUIS	A.Y. Jackson S.S.	North York, ON
LIU	JASON	The Woodlands Sec. School	Mississauga, ON
LIU	LEON	St. Robert C.H.S.	Thornhill, ON
LOPEZ	DIEGO	Vanier College	Saint-Laurent, QC
LU	WILL	University of Toronto Schools	Toronto, ON
LUO	JUNTONG	Port Moody Sr. S.S.	Port Moody, BC
LUO	ANDREW	Fleetwood Park S.S.	Surrey, BC
MA	JOYCE	Sir John A. Macdonald S.S.	Waterloo, ON
MACRI	VINCENT	William Lyon Mackenzie C.I.	North York, ON
MAHTO	ANISH	Turner Fenton S.S.	Brampton, ON
MARIN-MARQUEZ	VICENTE	Humberside C.I.	Toronto, ON
MERTIN	NICHOLAS	Hillfield-Strathallan Coll. H.S.	Hamilton, ON
PEI	ALLEN	University of Toronto Schools	Toronto, ON
PIETSCH	SOPHIA	MTS Hofheim	Hofheim/Ts., –
QIN	WILLIAM	The Woodlands Sec. School	Mississauga, ON
RAIZMAN	LEV	William Lyon Mackenzie C.I.	North York, ON

**Student Honour Roll****Palmarès étudiants**

<b>Name/Nom</b>		<b>School/École</b>	<b>Location/Endroit</b>
RAZA	ARSH	William Lyon Mackenzie C.I.	North York, ON
ROCHWERG	RONNY	Com. Hebrew Academy of Toronto	Toronto, ON
SANG	SHERRY	Bayview S.S.	Richmond Hill, ON
SCHWEIGEL	SAM	Earl Marriott S.S.	Surrey, BC
SHI	MICHAEL	Victoria Park C.I.	North York, ON
SIDLE	WILL	Nepean H.S.	Ottawa, ON
SPRAGUE	KYLE	Canterbury H.S.	Ottawa, ON
SREEKARAN	SHARUJAN	Glenforest S.S.	Mississauga, ON
TANG	AARON	Woburn C.I	Scarborough, ON
TANG	DANIEL	Earl of March S.S.	Kanata, ON
TEPEGJOZOV	JOSIF	Yahya Kemal College	Skopje, –
WAN	KEVIN	Marc Garneau C.I.	North York, ON
WANG	WILLIAM		North York, ON
WANG	SEAN	Point Grey S.S.	Vancouver, BC
WANG	ERICA	Cardinal Carter Academy	North York, ON
WANG	KEVIN	Glenforest S.S.	Mississauga, ON
WANG	YI NUO	The Woodlands Sec. School	Mississauga, ON
WANG	JUNYI	William Lyon Mackenzie C.I.	North York, ON
WEN	KEVIN	Bayview S.S.	Richmond Hill, ON
WONG	TERENCE	Sir John A. Macdonald C.I.	Scarborough, ON
XUE	ALEX		North York, ON
YAN	XUEZHI(JEFF)	Citadel H.S.	Halifax, NS
YANG	DAO BO	Iroquois Ridge H.S.	Oakville, ON
YANG	MARCO	Don Mills C.I.	North York, ON
YANG	MICHAEL	Colonel By S.S.	Gloucester, ON
YANG	FRANK	Marc Garneau C.I.	North York, ON
YU	EVAN	Iroquois Ridge H.S.	Oakville, ON
YU	ADAM	Marc Garneau C.I.	North York, ON
ZHAN	ALBERT	Vincent Massey S.S.	Windsor, ON
ZHANG	EDWIN	Northern S.S.	Toronto, ON
ZHANG	DEREK	William Lyon Mackenzie C.I.	North York, ON
ZHANG	JIA YI	Don Mills C.I.	North York, ON
ZHANG	RYAN	Glenforest S.S.	Mississauga, ON
ZHANG	HAORUI	Don Mills C.I.	North York, ON
ZHAO	WILLIAM	Richmond Hill H.S.	Richmond Hill, ON

**Problem Averages****Moyenne par problèmes**

<b>Problem</b>	<b>All Contestants</b>	<b>Non-Zero Scores</b>	<b>Problem</b>	<b>All Contestants</b>	<b>Non-Zero Scores</b>
Junior 1	13.04	14.41	Senior 1	9.70	11.85
Junior 2	10.73	14.88	Senior 2	8.09	14.79
Junior 3	9.33	14.94	Senior 3	1.11	9.46
Junior 4	2.74	14.68	Senior 4	0.66	7.52
Junior 5	0.25	8.56	Senior 5	0.10	5.28

The averages denoted as “All Contestants” in the above table indicate all students in the division. The averages denoted as “Non-Zero” scores in the above table include only students in the division who received a non-zero score on the problem.

There were 2144 Senior contestants and 3017 Junior contestants.

**Student Rankings****Classement des élèves**

<i>Junior Competitors</i>						<i>Senior Competitors</i>					
Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position
75	1	42	1681	15	2327	75	1	49	58	32	292
71	32	40	1696	12	2652	69	4	47	71	30	300
68	37	39	1703	10	2657	67	5	46	78	28	813
67	38	36	1714			64	6	45	79	27	823
64	42	35	1722			63	8	44	104	26	854
63	44	34	1723			62	11	43	118	25	865
60	80	33	1724			61	12	42	120	24	868
57	515	30	1729			60	14	41	129	23	876
56	524	27	2241			58	15	40	130	22	878
55	525	25	2249			56	24	39	166	21	879
54	526	24	2255			55	25	37	181	20	1100
53	533	21	2279			54	26	36	211	18	1104
51	534	20	2305			53	39	35	213	17	1125
48	536	18	2306			52	40	34	285	15	1126

**2018 Canadian Computing Competition Committee**

Tudor Brindus University of Toronto	Carmen Bruni University of Waterloo	Rich Clausi Emlira D.S.S. (Retired)	Robert Cummings University of Waterloo
Sandy Graham University of Waterloo	Andy Huang University of Waterloo	Jacob Jackson University of Waterloo	Graeme Kemkes University of Waterloo Alumnus
Andy Kong University of Michigan	Prof. Ondřej Lhoták University of Waterloo	Timothy Li University of Waterloo	Ron Ouwerkerk St. George's School
Jacob Plachta Facebook	J.-P. Pretti University of Waterloo	Dr. David Pritchard Google	Sean Purcell University of Waterloo
Dr. Troy Vasiga University of Waterloo	Spencer Whitehead University of Waterloo	Farbod Yadegarian University of Waterloo	Ben Zhang University of Waterloo