



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

*2017
Canadian
Computing
Competition
Results*

Sponsors:

WATERLOO
MATHEMATICS

The 2017 CCC managed to run much more smoothly than the 2016 contest.

Students found it challenging, with fewer perfect scores than in the past, but many students managed to have some success on many problems, with a variety of approaches able to obtain partial marks on each question.

The 2017 CCC was also entirely online, which has made the results gathering easier. For students who are not familiar with the CCC languages, a good starting point is to learn Python: for the 2017 contest, all problems have solutions in Python that would have received perfect scores. To learn Python, we recommend the the CS Circles On-line Resource at:

`cscircles.cemc.uwaterloo.ca`

I hope you found the contest this year interesting and educational, fun and intriguing. Thanks for being a part of it.

Troy Vasiga
Director of the Canadian Computing Competition
March 13, 2017

Junior Competitors

Students are listed in alphabetical order within each group.

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

Name/Nom	School/École	Location/Endroit
Group 1: Scores from 70 to 75		
CHEN GEORGE	Marc Garneau C.I.	North York, ON
CHEN KEVIN	Burnaby North S.S.	Burnaby, BC
CHENG CALEB	Christ Church Grammar School	Claremont, –
CHUNG YUN EN	St. Patrick's H.S.	Ottawa, ON
FORCIER THOMAS	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
GAO VICTOR		North York, ON
GAUDET JONAH	Nepean H.S.	Ottawa, ON
HARMS SIMON	Bloor C.I.	Toronto, ON
HIRSCH WILLIAM	Marianopolis College	Westmount, QC
HUANG BRIAN	Lisgar C.I.	Ottawa, ON
JAIN KEVIN	Richmond Hill H.S.	Richmond Hill, ON
MAI STEVEN	University of Toronto Schools	Toronto, ON
TAI JAMES	Hugh McRoberts S.S.	Richmond, BC
TANG MAX		North York, ON
WAN KEVIN	Marc Garneau C.I.	North York, ON
WANG SEAN	Point Grey S.S.	Vancouver, BC
WEI YI		Surrey, BC
XU SCOTT	Vincent Massey S.S.	Windsor, ON
YAP JUN HAN	Christ Church Grammar School	Claremont, –
YOU QIZHE	Abbey Park H.S.	Oakville, ON
Group 2: Scores from 61 to 69		
CARRYER TOBIAS	Semiahmoo S.S.	Surrey, BC
CHEN DANIEL	Point Grey S.S.	Vancouver, BC
COZA TRAIAN	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
KERN DECKLYN	Strathcona H.S.	Edmonton, AB
KRAWCIW ALEC	Mount Douglas S.S.	Victoria, BC
KWIATKOWSKI MATTHEW	River East C.I.	Winnipeg, MB
LONG JINGRUN	Richmond Hill H.S.	Richmond Hill, ON
REUTA DARJA	Riga State Gymnasium No 1	Riga, –
SHEVYAKOV VLADIMIR	Walter Murray C.I.	Saskatoon, SK
SIDLE WILL	Nepean H.S.	Ottawa, ON
TANG DAVID	University of Toronto Schools	Toronto, ON
WANG ALEX	Unionville H.S.	Markham, ON
WANG ANDERW	Sir John A. Macdonald S.S.	Waterloo, ON
XU ALEX	White Oaks S.S.	Oakville, ON
ZHANG HENRY	Victoria Park C.I.	North York, ON
Group 3: Scores from 60 to 60		
ALEXIEV ALEX	Bayview Glen School	North York, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
ALP	MATTHEW	Thornhill S.S.	Thornhill, ON
ALPTURER	KAYA	Uskudar American Academy	Istanbul, –
ALTO	BRADY	Walter Murray C.I.	Saskatoon, SK
AN	ZIFENG(ALLEN)	Bronte College Of Canada	Mississauga, ON
ARGANOSA	GAVI	Walter Murray C.I.	Saskatoon, SK
BAI	HAO TIAN	Francis Libermann C.H.S.	Scarborough, ON
BAI	YUXIN	Walter Murray C.I.	Saskatoon, SK
BARLOW	ALEX	Danforth Coll and Tech. Inst.	Toronto, ON
BERZUK	KYLE	River East C.I.	Winnipeg, MB
BLACK	MICAH	Glebe Collegiate Institute	Ottawa, ON
BOGORAD	DANIEL	Ernest Manning H.S.	Calgary, AB
BORMAN	HARRIS	Christ Church Grammar School	Claremont, –
BRAJER	JACKSON	Crescent School	North York, ON
BRUULSEMA	TIMOTHY	Hamilton Dist. Christian H.S.	Ancaster, ON
BUDD	LUCAS	Toronto French School	North York, ON
BURT	NASH	Collingwood C.I.	Collingwood, ON
CAI	YANQI	Don Mills C.I.	North York, ON
CAMINITI	JACQUELINE	St. Clement's School	Toronto, ON
CHAI	JOHN	NUS H.S. of Mathematics and Science	Singapore, –
CHAN	ADEN	Pickering College	Newmarket, ON
CHAN	RUSSELL	Markville S.S.	Markham, ON
CHAN	REGAN	Dr. Norman Bethune C.I.	Scarborough, ON
CHANDAN	KUNAL	Northview Heights S.S.	North York, ON
CHANG	KYLE	Crescent School	North York, ON
CHANG	ANTHONY	Marc Garneau C.I.	North York, ON
CHEN	FEINUO	The Affiliated H.S. of South China Normal Uni.	Guangzhou Guangdong, –
CHEN	ALLEN	York Mills C.I.	North York, ON
CHEN	KEXIN (KATIE)	Glenforest S.S.	Mississauga, ON
CHEN	JOHN	Royal Crown Academic School	North York, ON
CHEN	ETHAN	Western Canada H.S.	Calgary, AB
CHEN	LINUS	Marc Garneau C.I.	North York, ON
CHEN	JERRY	Vincent Massey S.S.	Windsor, ON
CHEN	CAROL	Richmond Hill H.S.	Richmond Hill, ON
CHEN	HAOSONG	Markville S.S.	Markham, ON
CHEUNG	BEN	Royal West Academy	Montreal-Ouest, QC
CHIANG	JONATHAN	Academy for Gifted Children-PACE	Richmond Hill, ON
CHOCHINOV	SLOAN	Western Tech. Comm. School	Toronto, ON
CHOI	KAI	St. George's School	Vancouver, BC
COLLIER	JOSH	Christ Church Grammar School	Claremont, –
COOKE	LOUISE	North Toronto Christian School	North York, ON
COTTOW	MICHAEL	Blackville School	Blackville, NB
CRICK	JAMES	J.H. Bruns C.I.	Winnipeg, MB
CRNE	SERENA	University of Toronto Schools	Toronto, ON
CUI	KENNETH	St. Robert C.H.S.	Thornhill, ON
DAI	KEVIN	Pierre Elliott Trudeau H.S.	Markham, ON
DE VILLA-CHOI	AIDAN	Crescent School	North York, ON
DEHAL	JAGVIR	North Park S.S.	Brampton, ON
DEMIR	TUDOR	Cardinal Newman C.S.S.	Stoney Creek, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom	School/École	Location/Endroit
DENG	BILL	St. George's School Vancouver, BC
DENG	HARRISON	St. John's-Ravenscourt School Winnipeg, MB
DENG	CYNTHIA	Earl Haig S.S. North York, ON
DESBIENS	ANTOINE	Champlain Reg. College - St. Lambert Saint-Lambert, QC
DEWAELE	MAX	Guelph C. and V.I. Guelph, ON
DHAMGUNDE	AMEY	Bayview S.S. Richmond Hill, ON
DU	STEVEN	St. Andrew's College Aurora, ON
DU	JEFFREY	Eric Hamber S.S. Vancouver, BC
DUFFIN	EMILIE	Dundas Valley S.S. Dundas, ON
DUONG	CHRISTOPHER	Francis Libermann C.H.S. Scarborough, ON
ELIASMITH	ALEX	Sir John A. Macdonald S.S. Waterloo, ON
FAIRBAIRN	MICHAEL	John McCrae S.S. Nepean, ON
FAULKNER	LUKAS	Hillfield-Strathallan Coll. H.S. Hamilton, ON
FENG	DAVID	Dr. Norman Bethune C.I. Scarborough, ON
FIRER	DAVID	Richmond Hill H.S. Richmond Hill, ON
FORTIER	EVAN	Bloor C.I. Toronto, ON
FOSTER	STEWART	Academy for Gifted Children-PACE Richmond Hill, ON
FOUND	IAIN	Sir Robert Borden H.S. Nepean, ON
FURFARO	JOSEPH	Academy for Gifted Children-PACE Richmond Hill, ON
GAO	DICHUAN (DAVID)	Appleby College Oakville, ON
GAO	QIJIA (ANNIE)	A.Y. Jackson S.S. North York, ON
GEDDES	MICHAEL	Iroquois Ridge H.S. Oakville, ON
GEORGE	SILVIA	Waterloo C.I. Waterloo, ON
GU	IAN	A.Y. Jackson S.S. North York, ON
GUILBEAULT	SAMUEL	Hillfield-Strathallan Coll. H.S. Hamilton, ON
GUO	VICTOR	Marc Garneau C.I. North York, ON
GUO	ZHENGHAO	
HAN	TOM	
HANCOCK	ZANE	Preston H.S. Cambridge, ON
HAO	SHUYANG	Colonel By S.S. Gloucester, ON
HARRIS	YONATAN	Eric Hamber S.S. Vancouver, BC
HE	PATRICK	Sir John A. Macdonald S.S. Waterloo, ON
HE	SERENA	Fleetwood Park S.S. Surrey, BC
HENNIG	CODY	Strathcona H.S. Edmonton, AB
HODETA	DANIEL	Int'l Comm. School Addis Addis Ababa, –
HOLCER	DAVID	David Thompson S.S. Vancouver, BC
HU	BILL	University of Toronto Schools Toronto, ON
HU	DAVID	St. John's-Ravenscourt School Winnipeg, MB
HUO	YONGKANG	Guangdong Country Garden Sch. Foshan City, –
JACEWICZ	DAVID	William Lyon Mackenzie C.I. North York, ON
JAYASUNDERA	DJIMON	Christ Church Grammar School Claremont, –
JIA	PEI	
JIANG	PIAORAN	New Westminster S.S. New Westminster, BC
JIANG	KEVIN	Guelph C. and V.I. Guelph, ON
JIANG	ELLIE	Abbey Park H.S. Oakville, ON
JIN	BERNIE	University of Toronto Schools Toronto, ON
JONES	WALKER	Mount Douglas S.S. Victoria, BC
JUNG	TONY	Oak Bay S.S. Victoria, BC

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
KANWAL	HARKEERAT	Castlebrooke S.S.	Brampton, ON
KARABEY	EKIM	Mario Portoraro	Toronto, ON
KIM	ANDREW	Walter Murray C.I.	Saskatoon, SK
KIM	ANDY	Colonel By S.S.	Gloucester, ON
KIM	KIBAE	North Toronto Christian School	North York, ON
KLASSEN	ELISABETH	R.E. Mountain S.S.	Langley, BC
KNOWLES	ROBBIE	Upper Canada College (Upper School)	Toronto, ON
KO	JACQUELINE	Academie Ste. Cecile Int'l	Windsor, ON
KONG	XIANGZHOU (DANNY)	Concordia International School Shanghai	Pudong, –
KONG	BO	Marc Garneau C.I.	North York, ON
KOWALSKI	STEVEN	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
LAI	KELVIN	Johnston Heights S.S.	Surrey, BC
LAPORTA	ADAM	Notre Dame R.C.S.S.	Burlington, ON
LARIONOV	MISHA	Richmond Hill H.S.	Richmond Hill, ON
LATOBESI	ANDREW	St. Thomas of Villanova College	King City, ON
LATREILLE	GABRIELLE	Coll. Cath. Samuel-Genest	Ottawa, ON
LAU	JOSHUA	Stelly's School	Saanichton, BC
LEBL	MATT	Semiahmoo S.S.	Surrey, BC
LEBLANC	JAMES	Brooklin High School	Brooklin, ON
LEE	STEVEN	North Toronto C.I.	Toronto, ON
LEITAO	PAUL-SAMUEL	Ernest Manning H.S.	Calgary, AB
LI	SELINA	Colonel By S.S.	Gloucester, ON
LI	JIMMY		Markham, ON
LI	CINDY	Earl of March S.S.	Kanata, ON
LI	ANDREW	Marc Garneau C.I.	North York, ON
LI	ZEHUA		Burnaby, BC
LI	YILUO	Joel Klammer	Pudong, –
LI	ZHENGHAN		Burnaby, BC
LI	NATHAN	Markville S.S.	Markham, ON
LI	ETHAN	Mount Douglas S.S.	Victoria, BC
LI	GRANT	University of Toronto Schools	Toronto, ON
LIANG	JENNIFER	Marc Garneau C.I.	North York, ON
LIAO	DAI QING	Appleby College	Oakville, ON
LIN	PETER	Bayview S.S.	Richmond Hill, ON
LIN	DEVIN ZHIHAN	Bayview S.S.	Richmond Hill, ON
LIN	JONNY	David Thompson S.S.	Vancouver, BC
LIU	STANLEY	Concordia International School Shanghai	Pudong, –
LIU	JINYUAN	Guangdong Country Garden Sch.	Foshan City, –
LIU	QINGYANG		Burnaby, BC
LIU	VALERIE	Markville S.S.	Markham, ON
LIU	YU	Western Tech. Comm. School	Toronto, ON
LIU	ROGER	University Hill S.S.	Vancouver, BC
LIU	YIHONG	Western Canada H.S.	Calgary, AB
LO	ALSTON	Richmond Hill H.S.	Richmond Hill, ON
LOGATSANG	TIM	Woburn C.I.	Scarborough, ON
LU	WILL	University of Toronto Schools	Toronto, ON
LU	TOM	Agincourt C.I.	Scarborough, ON
LU	ZENAN	Guangdong Country Garden Sch.	Foshan City, –

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
LUO	ROYI	Richmond Hill H.S.	Richmond Hill, ON
LUO	HAOTING	Guangdong Country Garden Sch.	Foshan City, –
LUO	XINHAO	The Affiliated H.S. of South China Normal Uni.	Guangzhou Guangdong, –
LY	JACOB	Northern S.S.	Toronto, ON
MA	SAM	Mount Douglas S.S.	Victoria, BC
MA	YUE RAN	Northern S.S.	Toronto, ON
MA	JEFF	Don Mills C.I.	North York, ON
MA	KEVIN	A.Y. Jackson S.S.	North York, ON
MA	COLT	Don Mills C.I.	North York, ON
MACK	DEVON	Lisgar C.I.	Ottawa, ON
MAGNUSON	ANDREW	Toronto French School	North York, ON
MAO	ISABELLE	Lakefield College School	Lakefield, ON
MARIN	ANDREW	University of Toronto Schools	Toronto, ON
MASON	MATTHEW	Brooklin High School	Brooklin, ON
MATYSZCZUK	MIKE	Loyola C.S.S.	Mississauga, ON
MCKELVEY	ERIK	Stelly's School	Saanichton, BC
MCKEWAN	MATTHEW	Vincent Massey S.S.	Windsor, ON
MEHDI	ADAM	Vincent Massey S.S.	Windsor, ON
MI	QING		Burnaby, BC
MIRVISH	MATTHEW	St. Michael's Choir School	Toronto, ON
MO	HAO MIN	Guangdong Country Garden Sch.	Foshan City, –
MOK	GABRIEL	Crescent School	North York, ON
MORIN	NICHOLAS	Coll. Cath. Samuel-Genest	Ottawa, ON
MOZOLA	CALVIN	Craig Kielburger S.S.	Milton, ON
MUHUNTHAN	MATHUSH	Pickering H.S.	Ajax, ON
NAM	MATTHEW	Bayview Glen School	North York, ON
NEUDORF	TREVOR	River East C.I.	Winnipeg, MB
NGUYEN	TAN NHAT	Mentor College	Mississauga, ON
OLADEJI	BRYAN	Town Ctr. Montessori Priv. Sch.	Markham, ON
PALMER	MASON	River East C.I.	Winnipeg, MB
PALOMBO	JUSTIN	St. Thomas of Villanova College	King City, ON
PANDEY	NAVIN	Metropolitan Prep. Academy	North York, ON
PANG	SHAWN	Clarkson S.S.	Mississauga, ON
PATEL	MAITRAY	Rick Hansen S.S.	Mississauga, ON
PATEL	KARAN	St. Edmund Campion S.S.	Brampton, ON
PAUTLER	JUSTIN	St. Thomas Aquinas S.S.	London, ON
PEI	ALLEN	University of Toronto Schools	Toronto, ON
PETLAH	LAURIS	Richmond Hill H.S.	Richmond Hill, ON
PILKEY	LUKE	St. John's-Ravenscourt School	Winnipeg, MB
PORTER	ASHLEY	Christ Church Grammar School	Claremont, –
PORTER	GILBERT	Christ Church Grammar School	Claremont, –
PU	MICHAEL	Don Mills C.I.	North York, ON
QIAN	DAVID	A.Y. Jackson S.S.	North York, ON
QIN	WILLIAM	Gordon Graydon Memorial S.S.	Mississauga, ON
RAFTUS	WALTER	Crescent School	North York, ON
RAHMAN	NAVIDUR	Vincent Massey S.S.	Windsor, ON
RAO	JAIMIE	Havergal College	North York, ON
REINKE	ETHAN	Westdale S.S.	Hamilton, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom	School/École	Location/Endroit
RIGGS	COLLIN	Central Elgin C.I.
ROCHWERG	RONNY	Com. Hebrew Academy of Toronto
ROSSOS	DANIEL	Bayview Glen School
RUAN	ROCCO	Town Ctr. Montessori Priv. Sch.
SAHA	ANIS	Woburn C.I.
SCHMEHL	CONNOR	Appleby College
SEGAL-GROSSMAN	EDEN	Guelph C. and V.I.
SERBENT	JONATHAN	Concordia International School Shanghai
SHAH	DHRUV	Westlane S.S.
SHEINIS	DANIEL	Bnei Akiva School
SHEN	EDWARD	Marc Garneau C.I.
SHEN	NINGSONG	The Woodlands Sec. School
SHEN	ETHAN	Mount Douglas S.S.
SIM	LEO	Eric Hamber S.S.
SINGH	RITVIK	Academy for Gifted Children-PACE
SLABON	WILLIAM	Oak Bay S.S.
SOKULLU	IAN	The Country Day School
SPRING	HANNA	St. John's-Ravenscourt School
STAADECKER	MARTIN	E.S. Etienne-Brule
SU	DORA	Marc Garneau C.I.
SUN	ROSA	Earl of March S.S.
SUN	ESBO	Glenforest S.S.
SYED	FARDIN	Glenforest S.S.
TABATABAEI	KEVIN	Vaughan S.S.
TAN	NICHOLAS	Eric Hamber S.S.
TANG	SAIDI	Bishop Allen Academy
TANG	ZIHANG	The Affiliated H.S. of South China Normal Uni.
TANG	ANDREW	Erindale S.S.
TANG	AMANDA	Bayview S.S.
TAPIA	ALIQYAN	Bayview Glen School
TESHUBA	AUSTIN	Vincent Massey S.S.
THERRIEN	ALEXANDRE	Champlain Reg. College - St. Lambert
THOMS	JAKOB	Sardis S.S.S.
TIAN	YUKUN	Alexander Mackenzie H.S.
TONG	KEVIN	Tsinghua Int'l School
TRANDINH	WINNIE	Craig Kielburger S.S.
TROJAN	DEMIRHAN	Western Tech. Comm. School
TURNBULL	RYAN	Crescent School
TURNER	ZEV	Northern S.S.
VASUDEVA	KETAN	R.S. McLaughlin C.V.I.
VENKATESH	BALAJI	Markville S.S.
VETTESE	CHRIS	Leaside H.S.
VIDBERG	DANIEL	Galt C.I. and V.S.
VIMALATHASAN	ANUSHAN	Middlefield C.I.
VISHNU	CHRISTOPHER	Streetsville S.S.
VUSCAN	PATRICK	North Toronto C.I.
WADHWA	PRIYA	Western Canada H.S.
WALSH	SIMON	St. Thomas Aquinas S.S.

Student Honour Roll**Palmarès étudiants**

Name/Nom	School/École	Location/Endroit
WAN	SOPHIA	Richmond Hill H.S.
WANG	DANIEL	Sir Winston Churchill S.S.
WANG	ANDREW	Sir Winston Churchill S.S.
WANG	KATHARINE	Clarkson S.S.
WANG	YIFEI	Bronte College Of Canada
WANG	CONSTANCE	Victoria Park C.I.
WANG	LEO	
WANG	HILARY	A.Y. Jackson S.S.
WONG	BENNY	Eric Hamber S.S.
WONG	BENJAMIN	Oak Bay S.S.
WONG	TERENCE	Sir John A. Macdonald C.I.
WU	SIMON	Sir Winston Churchill S.S.
WU	JIM	Victoria Park C.I.
WU	MANQIU	A.Y. Jackson S.S.
WU	WENYING	Eric Hamber S.S.
WU	HANZ	Milliken Mills H.S.
WU	TOM	J.N. Burnett S.S.
XING	KEN	St. John's-Ravenscourt School
XU	CALVIN	Appleby College
XU	MICHAEL	Royal Crown Academic School
XU	JASON	
XUE	JASON	Holy Trinity School
XUE	EDMOND	Point Grey S.S.
YANG	SHUKAN	Francis Libermann C.H.S.
YANG	CHICHUNG (SAMUEL)	Concordia International School Shanghai
YANG	DANNY	
YANG	HANQING	Glenlyon Norfolk School
YI	TONY	Burnaby Mountain S.S.
YINGHAO	HUANG	Guangdong Country Garden Sch.
YONGBEOM	KIM	NUS H.S. of Mathematics and Science
YOUN	JAHEYOUNG	Concordia International School Shanghai
YU	BOHAN	NUS H.S. of Mathematics and Science
YU	TIANYU	Vanke Meisha Academy
YU	EVAN	Iroquois Ridge H.S.
YUAN	KEVIN	University of Toronto Schools
YUEN	ANDY	SATEC @ W.A. Porter C.I.
YUN	HAO	Cameron Heights C.I.
ZHANG	ALAN	A.Y. Jackson S.S.
ZHANG	KAI YI (DAVID)	Appleby College
ZHANG	YIFEI	The Woodlands Sec. School
ZHANG	GARY	
ZHANG	RYAN	Vincent Massey S.S.
ZHANG	LOUIS	Colonel By S.S.
ZHANG	ALEX	St. Andrew's College
ZHANG	CHRISTOPHER	Royal West Academy
ZHANG	XINRAN	Crestwood Prep. College
ZHANG	RICHARD	Sir John A. Macdonald S.S.
ZHAO	TONY	Fleetwood Park S.S.

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
ZHAO	JAKE		Markham, ON
ZHENG	JOLENE	Richmond Hill H.S.	Richmond Hill, ON
ZHONG	HANGKAI	White Oaks S.S.	Oakville, ON
ZHOU	JUAN	Prince of Wales S.S.	Vancouver, BC
ZHOU	KEN	Middlefield C.I.	Markham, ON
ZHU	ALAN	Dr. Norman Bethune C.I.	Scarborough, ON
ZHU	TERRIS	Town Ctr. Montessori Priv. Sch.	Markham, ON
ZOU	ALVIN	Prince of Wales S.S.	Vancouver, BC
ZUO	JASON	York Mills C.I.	North York, ON
ZWART	TIMOTHY	Cameron Heights C.I.	Kitchener, ON

Senior Competitors

Students are listed in alphabetical order within each group.

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

Name/Nom	School/École	Location/Endroit
Group 1: Scores from 51 to 75		
AYDIN	YUNUS	Uskudar American Academy
CAMPBELL	WILLIAM	Waterloo C.I.
CHAU	BRIAN	Woburn C.I.
CHEW	CLARENCE	NUS H.S. of Mathematics and Science
DE SILVA	BIMESH	Richmond Hill H.S.
FENG	LEO	Vincent Massey S.S.
FU	ROGER	Marc Garneau C.I.
GALLORO	VINCENT	Aurora H.S.
GAO	JIM	Bayview S.S.
GUO	THOMAS	
HUANG	XINGCHEN	NUS H.S. of Mathematics and Science
JIANG	RYAN	William Lyon Mackenzie C.I.
JIANG	MICHAEL	Unionville H.S.
KHENG LIN GABRIEL	GOH	NUS H.S. of Mathematics and Science
LEE	JEFFREY	NUS H.S. of Mathematics and Science
LEONG SONG ZHU	OWEN	NUS H.S. of Mathematics and Science
LI	LIM	NUS H.S. of Mathematics and Science
LI	MAX	Thornhill S.S.
LIU	JEFFREY	Marc Garneau C.I.
LO	NATHAN	Pierre Elliott Trudeau H.S.
MOSELEY	CALLUM	Richmond Hill H.S.
ONCESCU	COSTIN-ANDREI	National College Dinicu Golescu
ONG	SHANE	NUS H.S. of Mathematics and Science
PU	JUSTIN	William Lyon Mackenzie C.I.
QIN	BILL	Phillips Academy
RONG	VICTOR	Marc Garneau C.I.
SHANNON	ARIELLE	University of Toronto Schools
SHEN	AO	
SITARU	BOGDAN	National College Dinicu Golescu
TEE	WAYNE	NUS H.S. of Mathematics and Science
TEO	JACOB	NUS H.S. of Mathematics and Science
TIEU	LONG	Lillian Osborne H.S.
VIERI	SERGIO	Intan Permata Hati
WASHIMKAR	ATHARVA	William Lyon Mackenzie C.I.
WEN	WILLIAM	Pierre Elliott Trudeau H.S.
XU	ALLAN	
YAPP WEI RONG	ANDREW	NUS H.S. of Mathematics and Science
YU	JOEY	Thornhill S.S.
YU	ALEX	University Hill S.S.
YUEN	JASON	Pierre Elliott Trudeau H.S.
		Istanbul, –
		Waterloo, ON
		Scarborough, ON
		Singapore, –
		Richmond Hill, ON
		Windsor, ON
		North York, ON
		Aurora, ON
		Richmond Hill, ON
		North York, ON
		Singapore, –
		North York, ON
		Markham, ON
		Singapore, –
		Singapore, –
		Singapore, –
		Singapore, –
		Thornhill, ON
		North York, ON
		Markham, ON
		Richmond Hill, ON
		Campulung Muscel, –
		Singapore, –
		North York, ON
		Andover, MA
		North York, ON
		Toronto, ON
		North York, ON
		Campulung Muscel, –
		Singapore, –
		Singapore, –
		Edmonton, AB
		Surabaya, –
		North York, ON
		Markham, ON
		North York, ON
		Singapore, –
		Thornhill, ON
		Vancouver, BC
		Markham, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom	School/École	Location/Endroit
ZHONG JOEY	University of Toronto Schools	Toronto, ON
ZHOU ZIXIANG	University Heights P.S.	London, ON
ZHU GUANGYUAN	Earl of March S.S.	Kanata, ON
Group 2: Scores from 46 to 50		
ADEWOYE TOBI	Colonel By S.S.	Gloucester, ON
ARIF ABDUL	William Lyon Mackenzie C.I.	North York, ON
CHENG YIZHE (TONY)	Handsworth S.S.	North Vancouver, BC
JEZ MICHAL	Vincent Massey S.S.	Windsor, ON
KIN HERN TAN	NUS H.S. of Mathematics and Science	Singapore, –
KONG TIGER	Glenforest S.S.	Mississauga, ON
KURSELL ALEX	Thornhill S.S.	Thornhill, ON
LI MICHAEL	Marc Garneau C.I.	North York, ON
LI YUE CHEN	NUS H.S. of Mathematics and Science	Singapore, –
LIAO ZIYU	Don Mills C.I.	North York, ON
LIN ANDREW	University Hill S.S.	Vancouver, BC
LIU VICTOR	Markville S.S.	Markham, ON
LU DAVID	The Woodlands Sec. School	Mississauga, ON
POGUMIRSKIS MAKSIMS	Riga State Gymnasium No 1	Riga, –
RAZA ARSH	William Lyon Mackenzie C.I.	North York, ON
ROMANOV DIMA	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
SAEBNOORI SHAYAN	Lisgar C.I.	Ottawa, ON
SUN KAI	A.B. Lucas S.S.	London, ON
SUN LINYIN	Victoria Park C.I.	North York, ON
SUN HAN XIANG	Markville S.S.	Markham, ON
WANG VICTOR	Sir Winston Churchill S.S.	Vancouver, BC
ZENG SIMON	Earl of March S.S.	Kanata, ON
ZHANG LUNJUN	St. Thomas of Villanova College	King City, ON
ZHANG DANIEL	Killarney S.S.	Vancouver, BC
Group 3: Scores from 43 to 45		
AU PATRICK	Don Mills C.I.	North York, ON
AZHARYANTI CHANDRIKA	Surya Institute	Tangerang, –
BAO ANDY	Waterloo C.I.	Waterloo, ON
BEMFICA FELIPE	Lisgar C.I.	Ottawa, ON
CHEN QI	Guangdong Country Garden Sch.	Foshan City, –
DAI MAX	Bell H.S.	Nepean, ON
EVANS ROSS	Colonel Gray Sr. H.S.	Charlottetown, PE
GAO MAX	Richmond Hill H.S.	Richmond Hill, ON
HODGKINSON BRET	Crescent School	North York, ON
JIANG HENNING	Vincent Massey S.S.	Windsor, ON
LAN SUNNY	Richmond Hill H.S.	Richmond Hill, ON
LAU DANIEL YEW EN	NUS H.S. of Mathematics and Science	Singapore, –
LEDGERWOOD JACOB	Vincent Massey S.S.	Windsor, ON
LEE DANI	Vincent Massey S.S.	Windsor, ON
LIM WEE SOONG DANIEL	NUS H.S. of Mathematics and Science	Singapore, –
LOU ALAIN	University of Toronto Schools	Toronto, ON
LUCZYNSKI MICHAEL	St. Francis Xavier S.S.	Mississauga, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
LUO	ANDREW	Fleetwood Park S.S.	Surrey, BC
MACDONALD	FINN	Sir Winston Churchill C.V.I.	Thunder Bay, ON
MELESHKO	JOSEPH	Ecole J.H. Picard	Edmonton, AB
MUKI	FERAS	Glenforest S.S.	Mississauga, ON
PAN	KEVIN	Pierre Elliott Trudeau H.S.	Markham, ON
TAJIK	PARSA	Earl Haig S.S.	North York, ON
WENG	ALAIN	Centennial Reg. H.S.	Greenfield Park, QC
XIONG	RUI MING	Western Canada H.S.	Calgary, AB
YU	FRANK	Earl of March S.S.	Kanata, ON
ZENG	BILL	Unionville H.S.	Markham, ON
ZHAN	ALBERT	Vincent Massey S.S.	Windsor, ON
ZHANG	EUGENE		Markham, ON
ZHU	YI CHENG		Burnaby, BC

Group 4: Scores from 40 to 42

DING	JERRY	St. George's School	Vancouver, BC
FU	RICHARD	Johnston Heights S.S.	Surrey, BC
GAO	YUNPENG	Toronto Int'l College	Toronto, ON
GU	HENRY	Don Mills C.I.	North York, ON
HANDLEY	MARCUS	Christ Church Grammar School	Claremont, –
HOGAN	JAMES	University of Toronto Schools	Toronto, ON
KOU	YIFAN	Lisgar C.I.	Ottawa, ON
LI	YUAN RUI	Bloor C.I.	Toronto, ON
LIU	SOPHIA	Marc Garneau C.I.	North York, ON
MERTIN	NICHOLAS	Hillfield-Strathallan Coll. H.S.	Hamilton, ON
THOMPSON	JOSH	Notre Dame C.H.S.	Carleton Place, ON
WANG	ERICA		North York, ON
WEN	KEVIN	Bayview S.S.	Richmond Hill, ON
WILKINS	BENJAMIN	Lisgar C.I.	Ottawa, ON
WONG	KOK RUI	NUS H.S. of Mathematics and Science	Singapore, –

Group 5: Scores from 37 to 39

ADAMS	COLE	William Aberhart H.S.	Calgary, AB
AHN	JIHOO	Appleby College	Oakville, ON
AMIN	SHAHZEB	Victoria Park C.I.	North York, ON
BETEL MIRI	BIJAN	The Dragon Academy	Toronto, ON
BHARGAVA	AMAN	Trinity College School	Port Hope, ON
CHANDRASEKARAN	AKASH	NUS H.S. of Mathematics and Science	Singapore, –
CHEN	CHONGLUN	St. Robert C.H.S.	Thornhill, ON
COX	BRYAN	A.B. Lucas S.S.	London, ON
DEMETER	JACK	York Mills C.I.	North York, ON
DJURINSKY	ALON	Thornhill S.S.	Thornhill, ON
DOHRING	JAN	Academie Ste. Cecile Int'l	Windsor, ON
DOYLEND	THOMAS	Sarah Dudley	Morgan Hill, CA
FARLOW	ROB	Loyola C.S.S.	Mississauga, ON
GUAN	GORDON	Richmond Hill H.S.	Richmond Hill, ON
HALIM	HOWARD	University of Toronto Schools	Toronto, ON
HUA	WESLEY	Markville S.S.	Markham, ON

Student Honour Roll**Palmarès étudiants**

Name/Nom		School/École	Location/Endroit
KER	ALEX	Crescent School	North York, ON
LEI	WILLIE	Cameron Heights C.I.	Kitchener, ON
LI	MICHAEL	William Lyon Mackenzie C.I.	North York, ON
LIU	SIMON	Victoria Park C.I.	North York, ON
LIU	JASON	Glenforest S.S.	Mississauga, ON
LOW EN XIANG	XAVIER	NUS H.S. of Mathematics and Science	Singapore, –
LUI	JUSTIN	Bayview S.S.	Richmond Hill, ON
MACRI	VINCENT	William Lyon Mackenzie C.I.	North York, ON
MIZRAHI	MOSE	Uskudar American Academy	Istanbul, –
NIU	DANIEL	The Woodlands Sec. School	Mississauga, ON
SANG	SHERRY	Bayview S.S.	Richmond Hill, ON
SHI	YU AN	Bloor C.I.	Toronto, ON
SHYNKEVYCH	DMYTRO	Braemar College	Toronto, ON
STOPPI	GUY	Mount Douglas S.S.	Victoria, BC
TRAN	CALEB	Eric Hamber S.S.	Vancouver, BC
VANNITHAMBY	GANASHSAI	Don Mills C.I.	North York, ON
WANG	XUANYU	A.Y. Jackson S.S.	North York, ON
WANNAN	BEN	T.A. Blakelock H.S.	Oakville, ON
WEISDORF	DANIEL	Academy for Gifted Children-PACE	Richmond Hill, ON
WEN	HENRY	Burnaby South S.S.	Burnaby, BC
YANG	MICHAEL	Colonel By S.S.	Gloucester, ON
YANG	RICHARD	Bayview S.S.	Richmond Hill, ON
YU	CHENGXIN	Marianopolis College	Westmount, QC
YU	HAOYANG	The Affiliated H.S. of South China Normal Uni.	Guangzhou Guangdong, –
YU	TIAN	Bayview S.S.	Richmond Hill, ON
ZHANG	EDWIN	Northern S.S.	Toronto, ON
ZHONG	STEVEN	A.Y. Jackson S.S.	North York, ON

Problem Averages**Moyenne par problèmes**

Problem	All Contestants	Non-Zero Scores	Problem	All Contestants	Non-Zero Scores
Junior 1	12.03	14.50	Senior 1	14.12	14.93
Junior 2	10.53	13.37	Senior 2	13.24	14.71
Junior 3	1.02	10.74	Senior 3	6.20	11.04
Junior 4	0.36	10.07	Senior 4	3.92	8.25
Junior 5	0.28	2.93	Senior 5	0.17	10.83

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 1925 Senior contestants and 2360 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	47	609	31	1464	75	1	47	58	30	284
73	7	46	681	30	1532	73	6	45	68	29	1045
67	21	45	724	29	2020	71	7	44	92	28	1061
60	36	44	910	28	2022	70	8	43	97	27	1065
59	335	43	922	27	2035	65	9	42	98	26	1073
58	361	42	928	26	2082	63	13	41	101	25	1080
57	370	41	950	25	2083	61	16	40	112	24	1170
56	382	40	959	24	2088	60	18	39	113	23	1366
55	391	39	974	23	2090	58	21	38	143	22	1367
54	400	38	1000	22	2095	56	28	37	145	21	1399
53	417	37	1021	21	2097	55	36	36	156	20	1400
52	422	36	1069	20	2099	53	41	35	157	19	1404
51	432	35	1118	19	2108	52	43	34	194	18	1407
50	461	34	1151	18	2110	50	44	33	195	17	1408
49	497	33	1234	17	2115	49	53	32	196	16	1418

2017 Canadian Computing Competition Committee

Brian Bi Google	Carmen Bruni University of Waterloo	Rich Clausi Emlira D.S.S. (Retired)	Robert Cummings University of Waterloo
Sandy Graham University of Waterloo	Chen Guanzhong University of Waterloo	Andy Huang University of Waterloo	Jacob Jackson University of Waterloo
Vlado Keselj Dalhousie University	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	Weiwei Zhong University of Waterloo		