

2014
Canadian
Computing
Competition
Results

Sponsors:

WATERLOO MATHEMATICS

Commentaires Commentaires

The 2014 CCC was quite positive.

Certainly, many students found the Junior problem set to be very easy (with a very large number of perfect scores). We will endeavour to make it more slightly more challenging next year, but making it both accessible and challenging is, well, challenging. As always, students who do well on the Junior are encouraged to strive for the Senior competition.

The Senior problem set had a much better distribution of scores, and although the increase in difficulty in the last three questions was steep, many students still attempted and had success with some partial solutions to the last three questions.

The On-line CCC Grader was a very huge success, thanks mostly to the hard work of Andy Kong (a former CCC, IOI and UW student, I might add) in getting the grader to use cloud-based systems to distribute the work much more efficiently. We had over 30000 submissions during the day of the contest, and the wait-time for responses for the system was never more than 2 minutes. We will continue to expand the On-line CCC Grader and hope even more schools choose to use it in 2015.

As one more plug, remember that if you would like to learn to use Python (which the CCC On-line Grader can accept), check out the CS Cirlces On-line Resource at:

cscircles.cemc.uwaterloo.ca

We continued the collaboration with Tsinghua University in Beijing and the University of Hong Kong to offer the contest to Beijing and Hong Kong high school students. This was the 10th year of collaboration with HKU, and it has been a rewarding experience for both UW and HKU. More information (including results) can be found at: http://ccc.cs.tsinghua.edu.cn/ and http://www.cs.hku.hk/ccc2014/. As in previous years, the organizers from Tsinghua and HKU collaborated with UW to create a contest different than the Canadian CCC.

Below, a qualitative summary of both the Junior and Senior contest is presented.

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
April 3, 2014

Junior 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
Group 1: Scores from	75 to 75		
AGGARWAL	RAYMOND	White Oaks S.S.	Oakville, ON
AHARONY	NOGA	Earl of March S.S.	Kanata, ON
AHMED	UMAR	Woburn C.I	Scarborough, ON
ALMEIDA	BRUNO	Glenforest S.S.	Mississauga, ON
AMANULLAH	AHMED	Forest Hill C.I.	Toronto, ON
ARDELEAN	CRISTIAN	Northern S.S.	Toronto, ON
BAGSHAW	ANDREW	St. George's School	Vancouver, BC
BAILEY	GABRIEL	Harbord C.I.	Toronto, ON
BAINES	ALYSSA	Mayfield S.S.	Caledon East, ON
BAN KIM	MATTHEW	University of Toronto Schools	Toronto, ON
BAO	ANDY	Centennial Waterloo Gifted	Waterloo, ON
BARILEVA	NART	Abbey Park H.S.	Oakville, ON
BARRY	TIM	Eric Hamber S.S.	Vancouver, BC
BAUMAN	NATHAN	Sir John A. Macdonald S.S.	Waterloo, ON
BECKERMAN	JACOB	Upper Can Col-Upper School	Toronto, ON
BELAIR	ARTHUR	Hugh McRoberts S.S.	Richmond, BC
BELFER	ROBERT	Marianopolis College	Westmount, QC
BELVEDERE	PETER	Michael Power-St Joseph	Etobicoke, ON
BERK	PETER	Innisdale S.S.	Barrie, ON
BHARGAVA	IPSITA	St. Francis Xavier S.S.	Mississauga, ON
BIANCHI	MOLLIE	St. Thomas of Villanova College	King City, ON
BRADLEY	MATTHEW	The Woodlands Sec. School	Mississauga, ON
BRANCH	TIMOTHY	Burnaby North S.S.	Burnaby, BC
BRIGHTLING	BRENT	Dunbarton H.S.	Pickering, ON
BROWN	JACOB	University of Toronto Schools	Toronto, ON
BULATHSINGHALA	MAYUKA	St. Marcellinus S.S.	Mississauga, ON
BUMBULIS	ERIK	Waterloo C.I.	Waterloo, ON
CAO	HAN YUAN KITTY	Earl Haig S.S.	North York, ON
CARDOZO	SHEA	Appleby College	Oakville, ON
CARRIERE	OLIVIER	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
CARRUSCA	RYAN	Eric Hamber S.S.	Vancouver, BC
CASTANEDA	RALPH	St. Thomas Aquinas S.S.	Brampton, ON
CHANG	ANGELA	Colonel By S.S.	Gloucester, ON
CHANG	DIANA CHAO CHING	Vincent Massey S.S.	Windsor, ON
CHAN	THOMAS	Richmond Hill H.S.	Richmond Hill, ON
CHAPMAN KISH	BEN	Eric Hamber S.S.	Vancouver, BC
CHEN	DANIEL	William Lyon Mackenzie C.I.	North York, ON
CHENG	MARIA	St. Augustine C.H.S.	Markham, ON
CHEN	GUANZHONG	Don Mills C.I.	North York, ON
CHENG	YIZHE		Burnaby, BC
CHEN	HONG ZHE	Point Grey S.S.	Vancouver, BC
CHEN	JEFFREY	Victoria Park C.I.	North York, ON

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Name/Nom		School/École	Location/Endroit
CHEN	JIANYE	Vincent Massey S.S.	Windsor, ON
CHEN	LUXIAN	Burnaby North S.S.	Burnaby, BC
CHEN	MORRIS	Marc Garneau C.I.	North York, ON
CHEN	TONY	North Toronto Christian School	North York, ON
CHEN	WENTAO	Agincourt C.I.	Scarborough, ON
CHEN	XIANG	_	Burnaby, BC
CHOWDHURY	ARIK	West Hill C.I.	Scarborough, ON
CLARKE	FRAZIER	William Lyon Mackenzie C.I.	North York, ON
COCHRANE	SIMON	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
COHN	DAVID	The Country Day School	King City, ON
COMEAU V	ALEXANDRE	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
COUSINEAU	SIMON	E.S. Cath. Franco-cite	Ottawa, ON
CUI	ALEXANDER	University of Toronto Schools	Toronto, ON
CUMMINGS	ROBERT	A.Y. Jackson S.S.	North York, ON
DEGUZMAN	CHRISTOPHER	Glenforest S.S.	Mississauga, ON
DENG	MINGKAI	Shenzhen M.S.	Shenzhen, –
DENOMMEE	AIDAN	Notre Dame R.C.S.S.	Burlington, ON
DEWAN	SAMUEL	Earl of March S.S.	Kanata, ON
DIVIC	STEFAN	Riverdale C.I.	Toronto, ON
DO	BRANDON	Woburn C.I	Scarborough, ON
DOMARATZKI	ALEX	Sir John A. Macdonald S.S.	Waterloo, ON
DOMINIC	JEFFREY	Academie Ste. Cecile Int'l	Windsor, ON
DONG	JIMMY	Grand River C.I.	Kitchener, ON
DZIKH	ANDRIY	St. Marcellinus S.S.	Mississauga, ON
EDGECOMBE	SPENCER	Appleby College	Oakville, ON
ELENDT	ERICH	University of Toronto Schools	Toronto, ON
EMANUEL	ZACCHARI	Forest Heights C.I.	Kitchener, ON
ENSAN	ADRIAN	Agincourt C.I.	Scarborough, ON
FENG	LEO	Vincent Massey S.S.	Windsor, ON
FIRMAN	DUSTIN	River East C.I.	Winnipeg, MB
FISHER	AIDAN	Mount Douglas S.S.	Victoria, BC
FONG	DARRIN	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
FOONG	BRANDON	NUS H.S. of Mathematics and Science	Singapore, –
FRIESEN	GODWIN	Walter Murray C.I.	Saskatoon, SK
FROESE	PAUL	Eric Hamber S.S.	Vancouver, BC
FU	CHRIS	Burnaby North S.S.	Burnaby, BC
GAMMON	ADRIAN	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
GAO	DANIEL	Nelson H.S.	Burlington, ON
GAO	JIM	Titolion II.o.	Richmond Hill, ON
GAO	WILLIAM	SA TEC @ W.A. Porter C.I.	Scarborough, ON
GAO	YUEZHOU	Killarney S.S.	Vancouver, BC
GARDIDEH	PEYMAN	Forest Hill C.I.	Toronto, ON
GAUBA	SIMRAN	Trinity College School	Port Hope, ON
GEORGE	CHRIS	Woburn C.I	Scarborough, ON
GEORGE	PAUL	Waterloo C.I.	Waterloo, ON
GEORGE	ZEZHUANG	Water100 C.1.	Burnaby, BC
GIBBS	ISAAC	Riverdale C.I.	Toronto, ON
GIBSON	DEVIN	Eric Hamber S.S.	Vancouver, BC
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Cunudian Student 110	nour Kon	1 difficites des eves d	Treenene nationale
Name/Nom		School/École	Location/Endroit
GOEL	VIK	The Woodlands Sec. School	Mississauga, ON
GREGORIAN	CHRISTOPHER	Vincent Massey S.S.	Windsor, ON
GREWAL	BIPENJOT	Bramalea S.S.	Brampton, ON
GU	ANGELA	A.Y. Jackson S.S.	North York, ON
GUANG	LI	St. George's School	Vancouver, BC
GUAN	GORDON	Richmond Hill H.S.	Richmond Hill, ON
GU	HENRY		North York, ON
GUO	BENSON	William Lyon Mackenzie C.I.	North York, ON
GUO	EDWARD	Port Credit S.S.	Mississauga, ON
GUO	ETHAN	Centennial Waterloo Gifted	Waterloo, ON
GUO	JENNIFER	Marc Garneau C.I.	North York, ON
GUO	YANGZI	Markham District H.S.	Markham, ON
GUPTA	SASWATA	Glenforest S.S.	Mississauga, ON
HARDY CARDINAL	CHRISTIAN	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
HELLREICH	JUSTIN	Stephen Lewis S.S.	Thornhill, ON
HENDERSON	SIMON	Nepean H.S.	Ottawa, ON
HEWITT	ADAM	St. Thomas Aquinas S.S.	Brampton, ON
HILDEBRANDT	GRAHAM	M.M. Robinson H.S.	Burlington, ON
HOGUE	GREGORY	Notre Dame R.C.S.S.	Burlington, ON
НО	WILSON	University of Toronto Schools	Toronto, ON
HUANG	HORACE	Markville S.S.	Markham, ON
HUANG	WILLIAM	Woburn C.I	Scarborough, ON
HUANG	YUTONG	Shenzhen M.S.	Shenzhen, –
HU	IAN	A.Y. Jackson S.S.	North York, ON
HU	NICHOLAS	Eric Hamber S.S.	Vancouver, BC
HUO	ROBIN	Woburn C.I	Scarborough, ON
ILIE	TEO	University of Toronto Schools	Toronto, ON
ILKHANI	NIAYESH	Academy for Gifted Children-PACE	Richmond Hill, ON
JAIN	SIDDHANT	Pickering H.S.	Ajax, ON
JAMIESON	CHRISTOPHER	Corpus Christi C.S.S.	Burlington, ON
JEFF	NIU	Newmarket H.S.	Newmarket, ON
JIA	KEVIN	Lisgar C.I.	Ottawa, ON
JIANG	RYAN	8	North York, ON
JIANG	YI ANDREW	Agincourt C.I.	Scarborough, ON
JIFCU	VICTOR	Sir Oliver Mowat C.I.	Scarborough, ON
JINGYI	XU	Shenzhen M.S.	Shenzhen, –
JI	RAY	Markville S.S.	Markham, ON
JUNG	JOSH A	Richmond Green S.S.	Richmond Hill, ON
JURUS	JAMES	Notre Dame R.C.S.S.	Burlington, ON
KABIR	TANHA	Mount Douglas S.S.	Victoria, BC
KAKA	SHAIMA	Colonel By S.S.	Gloucester, ON
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KARAKAS	MERT	Hisar School	Istanbul, –
KARCH	DENIS	Vincent Massey S.S.	Windsor, ON
KEERTHI	ADITYA	Glenforest S.S.	Mississauga, ON
KIM	ERIC	Centennial Waterloo Gifted	Waterloo, ON
KIM	SEJIN	William Lyon Mackenzie C.I.	North York, ON
KITAEV	ALEXANDER	Centennial Waterloo Gifted	Waterloo, ON
KLASSEN	BEN	London Central S.S.	London, ON

Name/Nom School/École Lo	ocation/Endroit
	Vinnipeg, MB
	tichmond Hill, ON
	Iississauga, ON
	oronto, ON
	oronto, ON
·	North York, ON
	Markham, ON
·	lorth York, ON
	aint-Lambert, QC
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	lorth York, ON
	Vaterloo, ON
	Surlington, ON
LIN SHENG NUO The Woodlands Sec. School M	Iississauga, ON
LIN YUHAN Markville S.S. M	Iarkham, ON
LIPPAI CHRISTIAN Stratford Central S.S. St	tratford, ON
LIPSKI MIKITA Trinity College School Po	ort Hope, ON
LI TONY Don Mills C.I. No	lorth York, ON
LIU DAVID Vincent Massey S.S. W	Vindsor, ON
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	rampton, ON
	Litchener, ON
	Vinnipeg, MB
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	lamilton, ON
	ancouver, BC
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	Iississauga, ON
	ichmond Hill, ON
	Vinnipeg, MB
MULLINS NOLAN Centennial C. and V.I. G	Suelph, ON

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Name/Nom		School/École	Location/Endroit
MURPHY	VAUGHAN	London Central S.S.	London, ON
MUSING	MAX	Danforth Coll and Tech. Inst.	Toronto, ON
NAN	JUNYU	Shenzhen M.S.	Shenzhen, –
NATALIZIO	RENO	Monsignor Doyle C.S.S.	Cambridge, ON
NEDIAK	LEONID	Jing Gai	Kingston, ON
NEVERSON	JAMES	Richview C.I.	Etobicoke, ON
NG	CHEUK YIN	Eric Hamber S.S.	Vancouver, BC
NG	DAVID	Sir Winston Churchill H.S.	Calgary, AB
NG	NATHAN	Markville S.S.	Markham, ON
NGO	ELISE	Woburn C.I	Scarborough, ON
NGUYEN	ANDREW	University of Toronto Schools	Toronto, ON
NGUYEN	DONG KHANH	Bronte College Of Canada	Mississauga, ON
NGUYEN	NAM	Ursula Franklin Academy	Toronto, ON
NICOTERA	COLTON	London Central S.S.	London, ON
OLDERSHAW	AIDAN	Crescent School	North York, ON
OLIYNYK	DANIEL	Collingwood C.I.	Collingwood, ON
ONG	WES JEFFERSON	Victoria Park C.I.	North York, ON
OPAL	ANUJ	Cameron Heights C.I.	Kitchener, ON
ORO	BOJAN	Michael Power-St Joseph	Etobicoke, ON
PAN	ERIC	London Central S.S.	London, ON
PANG	SHENG YI		Richmond Hill, ON
PARASRAM	TRISTHAL	Vincent Massey S.S.	Windsor, ON
PARENT LEVESQU	JEROME	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
PARIKH	KIERAN	Toronto French School	North York, ON
PARIKH	NEIL	Henry Wise Wood Sr. H.S	Calgary, AB
PARK	ARTHUR	Kitsilano S.S. (English)	Vancouver, BC
PARK	EUN CHAN	Tianjin Int'l. School	Tianjin, –
PATEL	ADARVAN	E.S. Etienne-Brule	North York, ON
PEARCE	JONATHAN	Crescent School	North York, ON
PERRYMAN	OLIVIA	Earl of March S.S.	Kanata, ON
PICKLES	CONNOR	Mount Douglas S.S.	Victoria, BC
PI	FENGWEI	Burnaby North S.S.	Burnaby, BC
PINEAULT	AUSTIN	Colonel By S.S.	Gloucester, ON
POROJAN	ALEXANDRU	York Mills C.I.	North York, ON
PRESTIDGE	AMANDA	White Oaks S.S.	Oakville, ON
PU	JASON	Michael Power-St Joseph	Etobicoke, ON
QADRI	BURHAN	Woburn C.I	Scarborough, ON
QIN	BILL	Woodin C.1	North York, ON
QIN	SHIRLEY	George S. Henry Academy	North York, ON
QIU	DANIEL	Dr. J.M. Denison S.S.	Newmarket, ON
QIU	SIQI	NUS H.S. of Mathematics and Science	Singapore, –
RAIHAN	PRANJAL	Colonel By S.S.	Gloucester, ON
RAMPURE	SURAJ	Vincent Massey S.S.	Windsor, ON
RATKOV	DIMITRIJE	University of Toronto Schools	Toronto, ON
RAVICHANDRAN	MADU	Glenforest S.S.	Mississauga, ON
RAZAVI		Glenforest S.S. Glenforest S.S.	_
	MOHAMMAD	Waterloo Oxford D.S.S.	Mississauga, ON
REIMER	ISAIAH MATTHEW	Crescent School	New Hamburg, ON
RILEY	MATTHEW	Clescent School	North York, ON

Cunudian Statent Honour Roll	-	T annures des eves d'i cenene	
Name/Nom		School/École	Location/Endroit
ROBINSON	HARTLEY	Trinity College School	Port Hope, ON
ROCK	ANDY	Ursula Franklin Academy	Toronto, ON
ROORDA	INGRID	Nepean H.S.	Ottawa, ON
ROTTKE	BENJAMIN	Port Credit S.S.	Mississauga, ON
RUFFO	ALEX	Markville S.S.	Markham, ON
RUSTAD ELLIOTT	RHYS	Eric Hamber S.S.	Vancouver, BC
SABIE	AHMED	Glenforest S.S.	Mississauga, ON
SAGGU	SAHIBJOT	Grand River C.I.	Kitchener, ON
SALIB	DAVID	Gordon Graydon Memorial S.S.	Mississauga, ON
SANTOS	FELIPE	Bronte College Of Canada	Mississauga, ON
SARANGIAN	VARNAN	Agincourt C.I.	Scarborough, ON
SAYEED	YASIEN	The Woodlands Sec. School	Mississauga, ON
SEN	INDRANIL	Catholic Central H.S.	London, ON
SEO	DEREK	University of Toronto Schools	Toronto, ON
SHAH	VANSHIL	Woburn C.I	Scarborough, ON
SHANG	THOMAS	The Woodlands Sec. School	Mississauga, ON
SHAN	MARK	Riverdale C.I.	Toronto, ON
SHARMA	VARUN	West Hill C.I.	Scarborough, ON
SHUKLA	SHASHVAT	NUS H.S. of Mathematics and Science	Singapore, –
SINDER	YOHANAN	Dr. J.M. Denison S.S.	Newmarket, ON
SIU	SHERMAN	Marc Garneau C.I.	North York, ON
SIVANESAN	UMASEH	Woburn C.I	Scarborough, ON
SOCHA	MICHAEL	Gordon Graydon Memorial S.S.	Mississauga, ON
SONG	ERIC	William Lyon Mackenzie C.I.	North York, ON
SPINK		•	
	GRANT	Ernest Manning H.S.	Calgary, AB
SRIVASTAVA	ANUBHAV	Colonel By S.S.	Gloucester, ON
STEVENSON	CONNOR	Trinity College School Waterloo C.I.	Port Hope, ON
SUN	SAM		Waterloo, ON
SYMINGTON	RYAN	Centennial C. and V.I.	Guelph, ON
TAI	IAN	St. George's School	Vancouver, BC
TAN	ALEX	Unionville H.S.	Markham, ON
TARGOSINSKI	JAKUB	Loyola C.S.S.	Mississauga, ON
TAYLOR	JACOB	Glenforest S.S.	Mississauga, ON
TEDESCO	MELISSA	University of Toronto Schools	Toronto, ON
TEITELBAUM	JASON	Tanenbaum CHAT	Maple, ON
THARMALENKAM	VINO	West Hill C.I.	Scarborough, ON
THOMAS	DANE	Markville S.S.	Markham, ON
THOMAS MANNOOCHERIL	RONEY	David and Mary Thomson C.I.	Scarborough, ON
ТОН	ZHEN YU NICHOLAS	NUS H.S. of Mathematics and Science	Singapore, –
TONG	DANIEL	University of Toronto Schools	Toronto, ON
TORII	KEN	Port Credit S.S.	Mississauga, ON
TRINH	ERIK	William Lyon Mackenzie C.I.	North York, ON
TSE	EDISON	St. George's School	Vancouver, BC
UTSIN	GEORGE	Waterloo C.I.	Waterloo, ON
V	CONNOR	Glenforest S.S.	Mississauga, ON
VERKHOVSKAYA	ANNA	Western Canada H.S.	Calgary, AB
VERKHOVSKIY	BORIS	Western Canada H.S.	Calgary, AB
VO	PHILLIP	Glenforest S.S.	Mississauga, ON

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Name/Nom		School/École	Location/Endroit
WALDMAN	RUSSELL	Tanenbaum CHAT	Maple, ON
WANG	BRUCE	Bell H.S.	Nepean, ON
WANG	EDWARD	Port Credit S.S.	Mississauga, ON
WANG	HONGYU	Don Mills C.I.	North York, ON
WANG	KEVIN	Glenforest S.S.	Mississauga, ON
WANG	VICTOR	Sir Winston Churchill S.S.	Vancouver, BC
WANG	XINYU	Don Mills C.I.	North York, ON
WANG	YI TAO	St. George's School	Vancouver, BC
WANG	ZHEPEI	Shenzhen M.S.	Shenzhen, -
WANG	ZIHAN	Michael Power-St Joseph	Etobicoke, ON
WEBB	STEPHEN	Newmarket H.S.	Newmarket, ON
WEI	WEI	Dr. Norman Bethune C.I.	Scarborough, ON
WEN	WILLIAM		North York, ON
WILKES	BRENNAN	Eric Hamber S.S.	Vancouver, BC
WILLARD	TIMOTHY	Timiskaming D.S.S.	New Liskeard, ON
WILLS	KEEGAN	Trinity College School	Port Hope, ON
WINKLER	MAX	Emily Carr	Woodbridge, ON
WINSOR	CLAYTON	Trinity College School	Port Hope, ON
WONG	ALEX	Thornhill S.S.	Thornhill, ON
WONG	FELIX	Woburn C.I	Scarborough, ON
WONG	TIMOTHY	Humberview S.S.	Bolton, ON
WU	CHAO YI	Dr. Norman Bethune C.I.	Scarborough, ON
WU	TONY		Richmond Hill, ON
XIA	HENG	Sir Winston Churchill S.S.	Vancouver, BC
XIANG	TOMMY	York Mills C.I.	North York, ON
XIAO	JEFFREY	University of Toronto Schools	Toronto, ON
XIE	JUNXI	Appleby College	Oakville, ON
XIE	LINSHAN	Guangdong Country Garden Sch.	Foshan City, –
XIONG	DANIEL	Emily Carr	Woodbridge, ON
XU	RAYMOND	Dr. Norman Bethune C.I.	Scarborough, ON
XU	TONY	St. John's School	Vancouver, BC
YANG	RICHARD	Vincent Massey S.S.	Windsor, ON
YANG	VIVIAN	Lord Byng S.S.	Vancouver, BC
YANG	WANXIAN	Shenzhen M.S.	Shenzhen, –
YAN	RAYMOND	Sir Oliver Mowat C.I.	Scarborough, ON
YE	LOGAN	Upper Can Col-Upper School	Toronto, ON
YONG	YEW CHUANG IAN	NUS H.S. of Mathematics and Science	Singapore, –
YOON	KYU YONG	Tianjin Int'l. School	Tianjin, –
YOUEN	BOWEN	John McCrae S.S.	Nepean, ON
YUAN	JOSHUA	William Lyon Mackenzie C.I.	North York, ON
YU			
	KELVIN	Bayview S.S.	Richmond Hill, ON
YUKSEL	DOGA	Ozel Ege Lisesi	Bornova Izmir, –
ZHAI	JANET	Earl Haig S.S.	North York, ON
ZHANG	ALEX	Dailing Consent Callery of Clark	Burnaby, BC
ZHANG	HANYI	Beijing Concord College of Sino-Canada	Beijing, –
ZHANG	JACK	North Toronto C.I.	Toronto, ON
ZHANG	YANJUN	Agincourt C.I.	Scarborough, ON
ZHAO	CYNTHIA	Woburn C.I	Scarborough, ON

Name/Nom		School/École	Location/Endroit
ZHAO	JEFFREY	Vincent Massey S.S.	Windsor, ON
ZHAO	NICHOLAS	Markham District H.S.	Markham, ON
ZHAO	SIWEI	Prince of Wales S.S.	Vancouver, BC
ZHAO	TIGER	Pierre Elliott Trudeau H.S.	Markham, ON
ZHAO	YUANMENG	A.Y. Jackson S.S.	North York, ON
ZHENG	DONGYU	Markville S.S.	Markham, ON
ZHONG	WEIWEI	Glenforest S.S.	Mississauga, ON
ZHOU	DANIEL	Sir John A. Macdonald S.S.	Waterloo, ON
ZHOU	RAN ALICE	Sir John A. Macdonald S.S.	Waterloo, ON
ZHU	HANYU	Glenforest S.S.	Mississauga, ON

Group 2: Scores from 73 to 74

Group 2. Scores in	/III / 5 to / T		
AKTAS FATIH	FATIH	Hisar School	Istanbul, –
CAI	MICHAEL	John Fraser S.S.	Mississauga, ON
CHEN	ERIC	Point Grey S.S.	Vancouver, BC
CLARKE	ROBERT	St. Thomas Aquinas S.S.	London, ON
ESTEERO	RAMY	John Fraser S.S.	Mississauga, ON
ILIOUKHINA	STACEY	Academy for Gifted Children-PACE	Richmond Hill, ON
KIM	YUNK YO	White Oaks S.S.	Oakville, ON
LI	YIFANG	Shenzhen M.S.	Shenzhen, –
NEDIAK	ALEXANDER	Jing Gai	Kingston, ON
SALNIKOV	ALEKSANDR	Braemar College	Toronto, ON
SRAN	MANDEEP	Brampton Centennial S. S.	Brampton, ON
SUNWOO	ANTONY	St. George's School	Vancouver, BC
TELFORD	SAM	Crestwood S.S.	Cavan Monaghan, ON
TRAVERS	BRYAN	Richview C.I.	Etobicoke, ON
YANG	DAVID	The Woodlands Sec. School	Mississauga, ON
ZHONG	DAI	Shenzhen M.S.	Shenzhen, –

Group 3: Scores from 72 to 72

Oroup 3. Scores from	1 /2 10 /2		
AHMADIAN	HOSSEIN	White Oaks S.S.	Oakville, ON
ANGELOU	ALEXANDRA	Havergal College	North York, ON
ANI	SOMAR	North Toronto C.I.	Toronto, ON
CAMPEAU	CAMERON	St. Augustine S.S.	Brampton, ON
COJANU	VLAD	E.S. Etienne-Brule	North York, ON
CRAIG	THOMAS	Michael Power-St Joseph	Etobicoke, ON
DESROSIERS	GREGORY	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
GIBLIN	MATTHEW	Huntsville H.S.	Huntsville, ON
HE	ZIHAO	A.Y. Jackson S.S.	North York, ON
HUANG	HARRY	Agincourt C.I.	Scarborough, ON
HUM	PATRICK	Lisgar C.I.	Ottawa, ON
HUNG	JOSEPH	Glenforest S.S.	Mississauga, ON
HWANG	MATTHEW	Upper Can Col-Upper School	Toronto, ON
JASON	DIAS	Westdale S.S.	Hamilton, ON
JOSHI	STUTI	The Woodlands Sec. School	Mississauga, ON
KANG	TONY	St. George's School	Vancouver, BC
KENNY	JEREMY	Newmarket H.S.	Newmarket, ON
LAI	ROYCE	Markville S.S.	Markham, ON

Name/Nom		School/École	Location/Endroit
LAVIGUEUR	PHILIPPE	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
LEE	SEBASTIAN	Iroquois Ridge H.S.	Oakville, ON
LEWIS	SAMANTHA	M.M. Robinson H.S.	Burlington, ON
LIANG	MARTIN		Richmond Hill, ON
LIU	LILY	Markville S.S.	Markham, ON
LIU	VICTOR		Richmond Hill, ON
LIZOGUBENKO	NIKITA	William Lyon Mackenzie C.I.	North York, ON
MANGALJI	EZAAN	St. George's School	Vancouver, BC
MERCAU	CAROL	Michael Power-St Joseph	Etobicoke, ON
MUSTATEA	JULIAN	St. Augustine C.H.S.	Markham, ON
NASIR	MOHAMMED	Markville S.S.	Markham, ON
RAGUPATHY	BRAMEYAA	Middlefield C.I.	Markham, ON
SAROYA	GAGANDEEP	Waterloo C.I.	Waterloo, ON
SHEN	PAKKI	Guangdong Country Garden Sch.	Foshan City, -
SHERLOCK	RILEY	Coll. Sturgeon Heights Collegiate	Winnipeg, MB
STRANG	TYLER	Corpus Christi C.S.S.	Burlington, ON
SU	DANIEL	William Lyon Mackenzie C.I.	North York, ON
TIANYUAN	LI	Bronte College Of Canada	Mississauga, ON
TOGOLA	TIEME FREDER	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
TOMALA	ALEX	Cardinal Newman C.S.S.	Stoney Creek, ON
TOPLIS	DANIEL	Nepean H.S.	Ottawa, ON
WENTZLAFF	CURTIS	Grand River C.I.	Kitchener, ON
XIE	ERIC	St. George's School	Vancouver, BC
XI	JIALING	York Mills C.I.	North York, ON
YIN	LINHAI	Sir Winston Churchill H.S.	Calgary, AB
ZHANG	PEIDONG	London Central S.S.	London, ON
ZHOU	JUN QING	Shenzhen M.S.	Shenzhen, –

Group 4: Scores from 69 to 71

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ALI	SHAHERYAR	Bramalea S.S.	Brampton, ON
ATCHUTHANANTHAN	ARUN	Woburn C.I	Scarborough, ON
BROWN	JEREMY	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
CHAK	ALLEN	St. George's School	Vancouver, BC
CHAU	BRIAN	Woburn C.I	Scarborough, ON
CHENG	FELIX	Brother Andre C.H.S.	Markham, ON
CHEN	PATRICK	Sir Winston Churchill S.S.	Vancouver, BC
CHOPRA	KARAN	The Woodlands Sec. School	Mississauga, ON
CHUGH	ADITYA	Turner Fenton S.S.	Brampton, ON
CLARKE MCRAE	JACOB	Nepean H.S.	Ottawa, ON
COOPER	JERAZ	Gordon Graydon Memorial S.S.	Mississauga, ON
DAY	JAMIE	St. George's School	Vancouver, BC
DING	KARL	Burnaby North S.S.	Burnaby, BC
DOHRING	TIM	Academie Ste. Cecile Int'l	Windsor, ON
DRANKA	OKSANA	Michael Power-St Joseph	Etobicoke, ON
FARFAN CENTENO	CHRISTOPHER	Silverthorn C.I.	Etobicoke, ON
GAO	HENRY		Richmond Hill, ON
GOERTZEN	NICOLAUS	Walter Murray C.I.	Saskatoon, SK
HALIM	CLAYTON	St. Francis Xavier S.S.	Mississauga, ON

Name/Nom		School/École	Location/Endroit
HAQUE	SAMINUL	The Woodlands Sec. School	Mississauga, ON
HARRIS	OCTAVIO	Sir John A. Macdonald S.S.	Waterloo, ON
HE	YUHAO	Shenzhen M.S.	Shenzhen, –
HODGKINSON	TATE	Crescent School	North York, ON
HONG	GEORGIA	Newmarket H.S.	Newmarket, ON
HUANG	STEVEN	Glenforest S.S.	Mississauga, ON
HUI	DOMINGO	Johnston Heights Jr. S.S.	Surrey, BC
KLEIN	ANTON	River East C.I.	Winnipeg, MB
LEE	RACHELLE	Holy Trinity School	Richmond Hill, ON
LEUNG	CHRISTOPHER	Earl Haig S.S.	North York, ON
LIANG	GORDON	A.Y. Jackson S.S.	North York, ON
LI	CHARLES	Leaside H.S.	East York, ON
LI	JINZE	A.Y. Jackson S.S.	North York, ON
LU	GEORGE		North York, ON
NEWMAN	RYAN	Crescent School	North York, ON
NGUYEN	CHUSA	William Lyon Mackenzie C.I.	North York, ON
OH	DAEJUNE	A.Y. Jackson S.S.	North York, ON
PATEL	SUNNY	Woburn C.I	Scarborough, ON
POHORECKY	SARAH	Walter Murray C.I.	Saskatoon, SK
RAVI	PAREEKSHIT	St. Francis Xavier S.S.	Mississauga, ON
RAZAVI	ALI	Glenforest S.S.	Mississauga, ON
ROBINSON	TREY	Dr. J.M. Denison S.S.	Newmarket, ON
SCHEER	AMIT	Colonel By S.S.	Gloucester, ON
SZYMCZYK	MAREK	St. Thomas Aquinas H.S.	Oakville, ON
TALMOR	ORI	Stephen Lewis S.S.	Thornhill, ON
TAN	KEVIN	Pickering College	Newmarket, ON
VORA	PARTH	University of Toronto Schools	Toronto, ON
WANG	EDDY	Mount Douglas S.S.	Victoria, BC
WANG	YINAN	Whitefield Christian Schools	Scarborough, ON
WISSMACH	CHRIS	Grand River C.I.	Kitchener, ON
XU	JACK	Glenforest S.S.	Mississauga, ON
YU	YI LUN		Burnaby, BC
ZHANG	KEVIN	Silverthorn C.I.	Etobicoke, ON
ZHAO	JERRY	A.Y. Jackson S.S.	North York, ON
ZHAO	YUAN	Silverthorn C.I.	Etobicoke, ON
ZHOU	DAVID	Sir Winston Churchill S.S.	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
Group 1: Scores from 56	to 75		
BIN ZAINAL	MUHAMMAD IRHAM RASYIDI	NUS H.S. of Mathematics and Science	Singapore, –
BRIK	GARO	University of Toronto Schools	Toronto, ON
BUI	DUC THIEN	HUS High School for Gifted Students	Hanoi, –
DO NGOC	KHANH	HUS High School for Gifted Students	Hanoi, –
DO XUAN	VIET	HUS High School for Gifted Students	Hanoi, –
HOWE	CHOONG YIN	NUS H.S. of Mathematics and Science	Singapore, –
JACKSON	JACOB	University of Toronto Schools	Toronto, ON
KORHANI	NAVID	St. Elizabeth C.H.S.	Thornhill, ON
LAU	STELLA	St. Francis Xavier S.S.	Mississauga, ON
LI	ANDREW	Vincent Massey S.S.	Windsor, ON
LI	QIYANG	Bayview S.S.	Richmond Hill, ON
LIU	CALVIN	Glenforest S.S.	Mississauga, ON
LI	YIKUAN	Don Mills C.I.	North York, ON
NGUYEN TIEN TRUNG	KIEN	HUS High School for Gifted Students	Hanoi, –
NGUYEN	VIET DUNG	HUS High School for Gifted Students	Hanoi, –
PEI	KEVIN		North York, ON
PEK	SEAN	NUS H.S. of Mathematics and Science	Singapore, –
PHAN DUC NHAT	MINH	HUS High School for Gifted Students	Hanoi, –
POPOVS	ALEKSEJS	Riga State Gymnasium No 1	Riga, –
REN	SHAUN	The Woodlands Sec. School	Mississauga, ON
RICHARDSON	ADAM	Colonel By S.S.	Gloucester, ON
SHAO	YUXUAN	Burnaby North S.S.	Burnaby, BC
SUN	KEVIN	Phillips Exeter Academy	Exeter, NH
WANG	FENGYANG	Sir John A. Macdonald S.S.	Waterloo, ON
WHATLEY	ALEXANDER	North Houston Acad. of Sci. and Math.	Woodlands, TX
WU	HENRY	University of Toronto Schools	Toronto, ON
YUAN	QUAN	NUS H.S. of Mathematics and Science	Singapore, –
YU	JAMES	Don Mills C.I.	North York, ON
ZARIFI	RAMIN	Langstaff S.S.	Richmond Hill, ON
ZHANG	YI XIAO	Woburn C.I	Scarborough, ON
ZHANG	ZHEMIN	Waterloo C.I.	Waterloo, ON
ZHANG	ZIHAO	Vincent Massey S.S.	Windsor, ON
Group 2: Scores from 53	to 55		
BUI	THINH	HUS High School for Gifted Students	Hanoi, –
CHAN	CALVIN	William Lyon Mackenzie C.I.	North York, ON
CHONG	SHAO WEI	NUS H.S. of Mathematics and Science	Singapore, –
CHU	JOSEPH	William Lyon Mackenzie C.I.	North York, ON
DAKESHOV	ELNAR	Pickering H.S.	Ajax, ON
DANG	ANH VU	HUS High School for Gifted Students	Hanoi, –
GUETTER	NICHOLAS	E.L. Crossley S.S.	Fonthill, ON
GU	YUANTAO	Vincent Massey S.S.	Windsor, ON

Name/Nom		School/École	Location/Endroit
HU	TING HAN	Waterloo C.I.	Waterloo, ON
LAM	FELIX	Victoria Park C.I.	North York, ON
LAU	ANDREW	Thornhill S.S.	Thornhill, ON
LI	ALEX YE	Woburn C.I	Scarborough, ON
LIN	HANZHEN	Markham District H.S.	Markham, ON
LU	DAVID	Marc Garneau C.I.	North York, ON
LU	KAREN	Sir John A. Macdonald C.I.	Scarborough, ON
MAILHOT	MARC	Notre Dame College School	Welland, ON
NAIR	AKSHAY	Middlefield C.I.	Markham, ON
NG	JUSTIN	Thornhill S.S.	Thornhill, ON
PARAMONOVO	DIMA	Marc Garneau C.I.	North York, ON
POSLUNS	GIL	William Lyon Mackenzie C.I.	North York, ON
PURCELL	SEAN	Marc Garneau C.I.	North York, ON
RIVETT	LUKE	Sir Oliver Mowat C.I.	Scarborough, ON
SANDRIN	ANTHONY	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
SHEN	EUGENE	Sir Winston Churchill S.S.	Vancouver, BC
SHEN	SI CHEN	Centennial C. and V.I.	Guelph, ON
SHI	HAOCHEN	Burnaby North S.S.	Burnaby, BC
SHIN	JOSHUA	Northern S.S.	Toronto, ON
TEO	JACOB	NUS H.S. of Mathematics and Science	Singapore, -
TILIKAYNEN	REYNO	William Lyon Mackenzie C.I.	North York, ON
XIAO	SHIQI	Albert Campbell C.I.	Scarborough, ON
ZHANG	DAVID	Victoria Park C.I.	North York, ON
ZHURBA	VLADISLAV	Richmond Hill H.S.	Richmond Hill, ON
ZINN	CHARLES	Waterloo C.I.	Waterloo, ON
ZOU	CHENGTAO	Bell H.S.	Nepean, ON

Group 3: Scores from 49 to 52

•	Group 3. Scores from	7) to 52		
I	BOERLAGE	DANIEL	Lord Byng S.S.	Vancouver, BC
I	BOSTAN	RARES	Marc Garneau C.I.	North York, ON
I	BRINDUS	TUDOR	Don Mills C.I.	North York, ON
(CAI	JENNIFER	William Lyon Mackenzie C.I.	North York, ON
(CHAI	CHARLIE	University of Toronto Schools	Toronto, ON
(CHARTIER	COLIN	St. John's-Ravenscourt School	Winnipeg, MB
(CHEW	JING RONG RYAN	NUS H.S. of Mathematics and Science	Singapore, –
F	ELLMEN	ISAAC	Danforth Coll and Tech. Inst.	Toronto, ON
F	FAN	RAYMOND	Don Mills C.I.	North York, ON
F	FROESE	RYAN	River East C.I.	Winnipeg, MB
ŀ	HAJJAR	SIMON	De La Salle College Oaklands	Toronto, ON
ŀ	HUANG	ZICHEN	A.Y. Jackson S.S.	North York, ON
I	ONESCU	EDUARD	Don Mills C.I.	North York, ON
I	LEE	YI MIN	NUS H.S. of Mathematics and Science	Singapore, -
I	LESLIE	NATHANIEL	Colonel By S.S.	Gloucester, ON
I	LI	HAOZHENG	Bayview S.S.	Richmond Hill, ON
I	LI	JACK	Bayview S.S.	Richmond Hill, ON
ľ	MAGEN	ROY	The Abelard School	Toronto, ON
ľ	MARTIN	SARAH	St. Clement's School	Toronto, ON
1	NG	JONATHAN	Richmond Hill H.S.	Richmond Hill, ON

Name/Nom		School/École	Location/Endroit
RAMPELT	DANIEL	Bluevale C.I.	Waterloo, ON
ROBERTS	BEN	Sir Winston Churchill H.S.	Calgary, AB
SHIYANG	YU	NUS H.S. of Mathematics and Science	Singapore, -
STA MARIA	JAREN	NUS H.S. of Mathematics and Science	Singapore, -
STOLARSKY	EMIL	William Lyon Mackenzie C.I.	North York, ON
STURZU	ANDREI	James E Taylor H.S.	Katy, TX
SWITZER	CONNOR	Westdale S.S.	Hamilton, ON
TANG	SIMON	Vincent Massey S.S.	Windsor, ON
TAN	SHAW	Thornhill S.S.	Thornhill, ON
ULITSKY	LARISSA	Bell H.S.	Nepean, ON
WANG	WILTON	Burnaby North S.S.	Burnaby, BC
WU	ALEX	Don Mills C.I.	North York, ON
ZHOU	AMELIA	Marc Garneau C.I.	North York, ON

Group 4: Scores from 47 to 48

Group 4. Scores from 47 to	10		
BHULLAR	JAGRAJAN	Burnaby North S.S.	Burnaby, BC
CHANG	CHEN	Vincent Massey S.S.	Windsor, ON
CHEN	SIMON	Dr. Norman Bethune C.I.	Scarborough, ON
COLFORD	KIERAN	The Abelard School	Toronto, ON
CORMIER	ALEXANDRE	Cegep Ste. Foy	Quebec, QC
CVITAK	NICHOLAS	Iroquois Ridge H.S.	Oakville, ON
DAVID	ZHANG	Westdale S.S.	Hamilton, ON
DUBE	ERIC	Moira S.S.	Belleville, ON
DU	RICHARD	Marc Garneau C.I.	North York, ON
FOXCROFT	JEREMY	Dr. E.P. Scarlett H.S.	Calgary, AB
HUANG	SIMON	Marc Garneau C.I.	North York, ON
JIA	JACQUELINE	Nepean H.S.	Ottawa, ON
LAM	CORA	The Woodlands Sec. School	Mississauga, ON
LAM	QUINCY	Marc Garneau C.I.	North York, ON
LI	JUSTIN	Marc Garneau C.I.	North York, ON
LIM	YU CHEN	NUS H.S. of Mathematics and Science	Singapore, -
LU	YIFAN	Don Mills C.I.	North York, ON
NGUYAN	DUC DUY	HUS High School for Gifted Students	Hanoi, –
PAGUREK VAN MOSSEL	DAVID	Lisgar C.I.	Ottawa, ON
RICE	TRISTAN	University Prep	Seattle, WA
SUCHOLUTSKY	ILIA	Thornhill S.S.	Thornhill, ON
TRIPP	AUSTIN	Richmond Hill H.S.	Richmond Hill, ON
WAN	CLEMENT	University of Toronto Schools	Toronto, ON
YE	ERIC	Marc Garneau C.I.	North York, ON
ZHANG	CHRIS	Glenforest S.S.	Mississauga, ON
ZHAO	STEPHEN	The Woodlands Sec. School	Mississauga, ON

Problem	All Contestants	Non-Zero Scores	Problem	All Contestants	Non-Zero Scores
Junior 1	13.14	14.20	Senior 1	10.73	13.49
Junior 2	6.10	12.17	Senior 2	9.02	13.07
Junior 3	6.10	12.17	Senior 3	4.32	9.99
Junior 4	6.10	12.17	Senior 4	1.05	5.64
Junior 5	4.70	12.12	Senior 5	0.38	2.88

The averages denoted as "All Contestants" in the above table indicate all students in the division. The averages denotes 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 1190 Senior contestants and 1822 Junior contestants.

Student Rankings Classement des élèves

Stude	Student Runnings Caussement des etc.						iit des cieves				
	Ju	nior C	ompetito	ors			Se	nior C	ompetito	ors	
Score/	Rank/	Score/	Rank/	Score/	Rank/	Score/	Rank/	Score/	Rank/	Score/	Rank/
Note	Position	Note	Position	Note	Position	Note	Position	Note	Position	Note	Position
75	1	54	733	32	1273	75	1	48	100	25	645
74	341	53	769	31	1276	74	5	47	114	24	652
73	346	52	774	30	1280	70	6	46	126	23	700
72	357	51	780	29	1400	69	7	45	155	22	702
71	402	50	829	28	1405	68	12	44	218	21	706
70	405	49	833	27	1425	67	13	43	227	19	741
69	409	48	838	26	1443	64	14	42	235	18	745
68	457	47	901	25	1452	63	15	41	262	17	771
67	460	46	907	24	1454	62	17	40	270	16	772
66	463	45	910	23	1465	61	18	39	280	15	773
65	495	44	1120	22	1469	60	25	38	304	14	871
64	500	43	1129	21	1475	59	30	37	316	13	872
63	504	42	1151	20	1490	57	31	36	330	12	875
62	528	41	1174	19	1492	56	32	35	367	9	903
61	532	40	1195	18	1497	55	33	34	372		
60	534	39	1198	16	1512	54	35	33	386		
59	659	38	1213	15	1516	53	41	32	443		
58	660	37	1218	14	1611	52	67	31	448		
57	670	36	1222	13	1620	51	87	30	457		
56	726	35	1243	12	1635	50	89	29	591		
55	731	34	1245	11	1646	49	96	28	594		

2014 Canadian Computing Competition Committee

Rich Clausi	Sandy Graham	Daniel Hui	Scott Grondin
Elmira District S.S. (Retired)	University of Waterloo	University of Waterloo	Forest Heights C. I.
Guru Guruganesh	Amlesh Jayakumar	Prof. Vlado Keselj	Andy Kong
University of Waterloo	University of Waterloo	Dalhousie University	University of Michigan
Prof. Ondřej Lhoták	Prof. J. Ian Munro	Abel Nieto-Rodriguez	Ron Ouwerkerk
University of Waterloo	University of Waterloo	University of Waterloo	St. George's School
Jacob Plachta	JP. Pretti	Dr. David Pritchard	Dr. Troy Vasiga (Director
University of Toronto	University of Waterloo	Princeton University	University of Waterloo
Michelle Vidberg	Aaron Voelker	Hanson Wang	Kevin Yeo
Galt C. I.	University of Waterloo	University of Waterloo	University of Waterloo