

Canadian Mathematics Competition



An activity of The Centre for Education
in Mathematics and Computing,
University of Waterloo, Waterloo, Ontario

Concours canadien de mathématiques

Une activité du Centre d'éducation
en mathématiques et en informatique,
Université de Waterloo, Waterloo, Ontario

2004 Results

Fryer Contest
(Grade 9)

Galois Contest
(Grade 10)

Hypatia Contest
(Grade 11)

2004 Résultats

Concours Fryer
(9^e année – Sec. III au Québec)

Concours Galois
(10^e année – Sec. IV au Québec)

Concours Hypatie
(11^e année – Sec. V au Québec)

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The Competition Organization

Organisation du Concours

Executive Committee / Comité exécutif	Barry Ferguson (Director / Directeur), Peter Crippin, Judith Korller, Ian VanderBurgh
Fryer Galois Hypatia Committee / Comité Fryer Galois Hypatie	Jim Nakamoto (Chair / président), Sir Winston Churchill Secondary School, Vancouver Don Curran, (retired / retraité), Oshawa Rad de Peiza (retired / retraité), Agincourt Barry Ferguson, University of Waterloo Nerissa Garcia, St. Marguerite d'Youville, Mississauga Judith Koeller, University of Waterloo André Ladouceur (retired / retraité), Gloucester Tino Lenti, Lo Ellen Park Secondary School, Sudbury Peter O'Hara, Glendale High School, Tillsonburg
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Computer Operation / Ordinateur	Steve Breen, University of Waterloo Matthew Oliver, University of Waterloo
Publications / Publications	Linda Schmidt, University of Waterloo
Preparation of Materials / Documentation	Linda Schmidt, University of Waterloo
French Edition / Version française	André Ladouceur, Réseau de l'est, Vanier Gérard Proulx, Collège Catholique Franco-Ouest, Ottawa
Technical Assistants / Adjoints à la technique	Joanne Kursikowski, Kim Schnarr, Kyra Keenan, Lindsay Stewart, Judy Fox
Validation Committee / Comité de validation	John Barsby, St. John's-Ravenscourt School, Winnipeg Jean Collins, (retired / retraité), Thornhill Tom Griffiths, (retired / retraité), London Frank Rachich (retired / retraité), Woodstock

This will be posted in the near future
May 19, 2004

Executive Committee
Canadian Mathematics Competition

Comments on the Paper

Commentaires sur l'épreuve

Detailed comments on the problems from the 2004 Fryer, Galois and Hypatia Contests will be available in the early Fall.

Des commentaires détaillés sur les problèmes des concours Fryer, Galois et Hypatia 2004 seront disponibles au début de l'automne.

The top 25% of the competitors in each of the three Contests were divided into three categories: Gold Standard, Silver Standard and Bronze Standard, in the ratio 1:2:3. The names of those students achieving the Gold Standard (that is, scoring in roughly the top 4%) are listed alphabetically below for each Contest.

Les candidats qui se classent dans le premier quart du classement dans chacun des trois concours ont été répartis en trois catégories : le niveau « or », le niveau « argent » et le niveau « bronze », selon le ratio 1:2:3. Le nom des étudiant qui ont obtenu le niveau « or » (c'est-à-dire ceux qui se classent globalement parmi les premiers 4 p. 100) est donné par ordre alphabétique ci-dessous pour chaque concours.

NADEJDA	ANDREEV	MARC GARNEAU C.I.	DON MILLS, ON
MATTHEW	ARGABRITE	ACADEMY FOR GIFTED CHILDREN -	RICHMOND HILL, ON
CAROLINE	BOULOS	ASHBURY COLLEGE	OTTAWA, ON
TAYLOR	CA	HENRY KELSEY S.P.S.	AGINCOURT, ON
MICHAEL	CAI	BURNABY SOUTH S.S.	BURNABY, BC
CHRIS	CAMPBELL	ST. JOHN'S KILMARNOCK SCHOOL	BRESLAU, ON
JASON	CAO	STEPHEN LEACOCK C.I.	SCARBOROUGH, ON
ANSON	CHAN	PINETREE S.S.	COQUITLAM, BC
CHRYSTAL	CHAN	MARKHAM D.H.S.	MARKHAM, ON
CLEMENT	CHAN	UPPER CANADA COLLEGE	TORONTO, ON
SHELLEY	CHAN	HAVERGAL COLLEGE	TORONTO, ON
HARRY	CHANG	H.B. BEAL S.S.	LONDON, ON
NICHOLAS	CHANG	ST. GEORGE'S SCHOOL	VANCOUVER, BC
IAN	CHARLESWORTH	FRONTENAC S.S.	KINGSTON, ON
JAMES	CHEN	ST. GEORGE'S SCHOOL	VANCOUVER, BC
NATHAN	CHEUNG	CRESCENT SCHOOL	WILLOWDALE, ON
DAVIN	CHOI	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
PETER	CHOI	PORT MOODY S.S.S.	PORT MOODY, BC
ROZALYN	CHOK	SENTINEL S.S.	WEST VANCOUVER, BC
DEVIN	CHOLLAK	TOM BAINES SCHOOL	CALGARY, AB
CANDY	CHOU	BURNABY SOUTH S.S.	BURNABY, BC
JONATHAN	CHUA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
NELLIE	CHUA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
ANTHONY	CHUANG	CHARLES E. LONDON S.S.	RICHMOND, BC
ALEXANDRA	CLARK	PINE RIDGE S.S.	PICKERING, ON
WASHINGTON	CO	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
MATTHEW	CONWAY	NORTHERN S.S.	TORONTO, ON
SEAN	CRUISE	VINCENT MASSEY S.S.	WINDSOR, ON
ARTHUR	DA SILVA	VANCOUVER COLLEGE H.S.	VANCOUVER, BC
RAFAL	DITTWALD	MARY WARD C.S.S	SCARBOROUGH, ON
AU	DUSTIN	FRONTENAC S.S.	KINGSTON, ON
ANDREW	EVDOKIMOV	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
TREVOR	FAIREY	ST. GEORGE'S SCHOOL	VANCOUVER, BC
LIN	FEI	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
DAVID	GAMBIN	CHAMINADE COLLEGE SCHOOL	TORONTO, ON
LU	GAO	WESTDALE S.S.	HAMILTON, ON
VIRGIL	GARCIA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
KIRSTEN	GRANT	GLEBE COLLEGIATE INSTITUTE	OTTAWA, ON
ALAN	GUO	O' NEILL C.V.I.	OSHAWA, ON
OLIVIA	HE	HIGHLAND J.H.S.	NORTH YORK, ON
SAM	HEINRICHS	WESTGATE MENNONITE C.I.	WINNIPEG, MB
CONRAD	HO	UPPER CANADA COLLEGE	TORONTO, ON
JEREMY	HOSKINS	HENRY G. IZATT MIDDLE SCHOOL	WINNIPEG, MB
ROBERT	HSIEH	ST. GEORGE'S SCHOOL	VANCOUVER, BC
SHERRY	HU	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
ALAN	HUANG	ICAE	TROY IN

Fryer - Gold Standard

Palmarès individuel - Fryer

EDWARD	HUANG	WINDERMERE S.S.	VANCOUVER, BC
MARCEL	HUMELNICUU	TOM GRIFFITHS HOME SCHOOL	LONDON, ON
STEPHEN	HUNG	LISGAR C.I.	OTTAWA, ON
SCOTT	INNES	CRESCENT SCHOOL	WILLOWDALE, ON
KEN	JIN	WALTER MURRAY C.I.	SASKATOON, SK
MINGJUN	JIN	LISGAR C.I.	OTTAWA, ON
LEI	KANG	UPPER CANADA COLLEGE	TORONTO, ON
MIKE	KAPPS	THORNHILL S.S.	THORNHILL, ON
STEVEN	KARP	LORD BYNG S.S.	VANCOUVER, BC
TIMOTHY	KATO	WEST VANCOUVER S.S.	WEST VANCOUVER, BC
JACOB	KETTNER	GRANT PARK H.S.	WINNIPEG, MB
HYOUNGSUNG	KIM	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
JENNIE	KIM	A.N. MYER S.S.	NIAGARA FALLS, ON
YOUNGJOONG	KIM	GLENFOREST S.S.	MISSISSAUGA, ON
JASMINE	KOCHAR	LO-ELLEN PARK S.S.	SUDBURY, ON
ANDY	KONG	VINCENT MASSEY S.S.	WINDSOR, ON
BRENDAN	KOVALIK	MARC GARNEAU C.I.	DON MILLS, ON
KELSEY	KUBLIK	ST. JEAN BREBEUF	CALGARY, AB
ADRIAN	KWOK	UPPER CANADA COLLEGE	TORONTO, ON
SHELDON	KWOK	CRESCENT SCHOOL	WILLOWDALE, ON
ADRIEL	LAM	SENTINEL S.S.	WEST VANCOUVER, BC
CHIARA	LANUZA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
BARNABAS	LEE	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
CLINTON	LEUNG	ACADEMY FOR GIFTED CHILDREN -	RICHMOND HILL, ON
AMIA	LIU	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
CHERYL	LIU	THE WOODLANDS S.	MISSISSAUGA, ON
SHERRY	LIU	DAVID THOMPSON S.S.	VANCOUVER, BC
TOMMY	LIU	SIR JOHN A. MACDONALD C.I.	AGINCOURT, ON
OLIVIA	LIUFU	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
TYLER	LONGO	UPPER CANADA COLLEGE	TORONTO, ON
ERIC	LU	BURNABY SOUTH S.S.	BURNABY, BC
JOCELYN	LUK	HAVERGAL COLLEGE	TORONTO, ON
JOSEPH	LUK	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
WEI	LUN	THE WOODLANDS S.	MISSISSAUGA, ON
BENSON	LUNG	ACADEMY FOR GIFTED CHILDREN -	RICHMOND HILL, ON
ALBERT	LYU	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
ZHONGCHEN	MA	VINCENT MASSEY S.S.	WINDSOR, ON
KATE	MAGUIRE	AURORA HIGH SCHOOL	AURORA, ON
LISA	MAI	VINCENT MASSEY S.S.	WINDSOR, ON
HANSON	MAK	CRESCENT SCHOOL	WILLOWDALE, ON
HOWARD	MENG	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
DANIELA	MIAO	F. E. OSBORNE H.S.	CALGARY, AB
PATRICIA	MIRAVITE	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
ROBBIE	MITCHNICK	CRESCENT SCHOOL	WILLOWDALE, ON
NATHALIE	MOON	E.S.C. MARIE-RIVIER	KINGSTON, ON
JAMIE	MOORE	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
JACK	MORTON	FRONTENAC S.S.	KINGSTON, ON
WILL	NEDIGER	LONDON CENTRAL S.S.	LONDON, ON
JASON	NG	ERIC HAMBER S.S.	VANCOUVER, BC
BONVIN	NUQUI	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
RAY JOHN	PAMILLO	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
HEEJIN	PARK	HAVERGAL COLLEGE	TORONTO, ON
JONATHAN	PARK	WALNUT GROVE S.S.	LANGLEY, BC
PETER	PARK	UPPER CANADA COLLEGE	TORONTO, ON
BLAKE	PARSONS	CRESCENT SCHOOL	WILLOWDALE, ON
ANUPAMA	PRASAD	ICAE	TROY IN

Fryer - Gold Standard

Palmarès individuel - Fryer

ANDREW	PRJIBELSKI	GILES SCHOOL	TORONTO, ON
XIAO	QIAO	VINCENT MASSEY S.S.	WINDSOR, ON
AAKASH	RAVI	THE WOODLANDS S.	MISSISSAUGA, ON
CHRISTINA	REN	VINCENT MASSEY S.S.	WINDSOR, ON
ADITYA	SATHI	ICAE	TROY IN
WILLIAM	SAUNDERS	WATERLOO C.I.	WATERLOO, ON
JONATHAN	SCHNEIDER	ACADEMY FOR GIFTED CHILDREN -	RICHMOND HILL, ON
ASHER	SEGEL BROWN	EARL OF MARCH S.S.	KANATA, ON
BALA	SEKARAN	ICAE	TROY IN
KRITHIKA	SHANMUGASUNDAR		ICAE TROY IN
TAL	SHESAF	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
DANNY	SHI	WINDERMERE S.S.	VANCOUVER, BC
JORDAN	STOSKY	MADELEINE D' HOUET SCHOOL	CALGARY, AB
CHEN	SUN	TOM GRIFFITHS HOME SCHOOL	LONDON, ON
JONATHAN	SUN	NORTHERN S.S.	TORONTO, ON
MONGNING	SUN	VINCENT MASSEY S.S.	WINDSOR, ON
DARREN	SY	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
MARK	TAN	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
CATHERINE	TENNANT	BRANKSOME HALL SCHOOL	TORONTO, ON
RONALD	TRAC	WOBURN COLLEGIATE INSTITUTE	TORONTO, ON
DANIEL	TREMBLAY	CARLETON NORTH S.H.S.	BRISTOL, NB
GREG	TSANG	CRESCENT SCHOOL	WILLOWDALE, ON
MATTHEW	VENGALIL	ICAE	TROY IN
AILEEN	VERSOZA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY IN
MICHAEL	WAN	ERIC HAMBER S.S.	VANCOUVER, BC
DAVID	WANG	A.B. LUCAS S.S.	LONDON, ON
ROCKY	WANG	WALTER MURRAY C.I.	SASKATOON, SK
WEI	WANG	WATERLOO C.I.	WATERLOO, ON
NEIL	WILLIAMSON	T.A. BLAKELOCK H.S.	OAKVILLE, ON
NICOLE	WINSTANLEY	DRYDEN H.S.	DRYDEN, ON
ALEXANDER	WONG	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
GEOFFREY	WONG	CRESCENT SCHOOL	WILLOWDALE, ON
SHARON	WONG	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
VIVIEN	WONG	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
CYRUS	WU	VINCENT MASSEY S.S.	WINDSOR, ON
AKSHAR	WUNNAVA	ICAE	TROY IN
BOBBY	XIAO	WALTER MURRAY C.I.	SASKATOON, SK
WEIXIAO	XIAO	PORT MOODY S.S.S.	PORT MOODY, BC
JEAN	XU	HIGHLAND J.H.S.	NORTH YORK, ON
HANK	YANG	WALTER MURRAY C.I.	SASKATOON, SK
MARY	YANG	HENRY KELSEY S.P.S.	AGINCOURT, ON
PETER	YANG	A.B. LUCAS S.S.	LONDON, ON
CHRISTINE	YE	MARC GARNEAU C.I.	DON MILLS, ON
ANDREW	YEUNG	CRESCENT SCHOOL	WILLOWDALE, ON
ANDREW	YIP	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
HAYOUNG	YOO	WINDERMERE S.S.	VANCOUVER, BC
CLARA	YOON	ICAE	TROY IN
JIMMY	YU	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
JOCELYN	YU	HAVERGAL COLLEGE	TORONTO, ON
ANDREI	ZAHARIA	JARVIS C.I.	TORONTO, ON
DAVID	ZHANG	LISGAR C.I.	OTTAWA, ON
HANZHE	ZHANG	WESTDALE S.S.	HAMILTON, ON
KELSEY	ZHANG	VINCENT MASSEY S.S.	WINDSOR, ON
WAGO	ZHENG	SIR JOHN A. MACDONALD C.I.	AGINCOURT, ON
CATHERINE	ZHOU	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
BOWEI	ZHU	CHINESE INTER. SCHOOL	BRAEMAR HILL IN
KEVIN	ZHU	ICAE	TROY IN
FANGQIN	ZOU	VINCENT MASSEY S.S.	WINDSOR, ON

Distribution of Marks - Distribution des points

Averages - Moyenne

Distribution	Number	cumm. %	Question	Average
35-40	243	7.84	1	7.8
30-34	899	36.83	2	8.3
25-29	900	65.85	3	6.9
20-24	588	84.81	4	3.5
15-19	288	94.10	score	26.4
10-14	117	97.87		
0-9	66	100.00		
	3101			

Please visit our web site at:

www.cemc.uwaterloo.ca

to download the 2004 Fryer, Galois and Hypatia Contests, plus full solutions.

Veillez visiter notre site Web à

www.cemc.uwaterloo.ca

pour télécharger les concours Fryer, Galois et Hypatie 2004, avec solutions complètes.

The top 25% of the competitors in each of the three Contests were divided into three categories: Gold Standard, Silver Standard and Bronze Standard, in the ratio 1:2:3. The names of those students achieving the Gold Standard (that is, scoring in roughly the top 4%) are listed alphabetically below for each Contest.

Les candidats qui se classent dans le premier quart du classement dans chacun des trois concours ont été répartis en trois catégories : le niveau « or », le niveau « argent » et le niveau « bronze », selon le ratio 1:2:3. Le nom des étudiants qui ont obtenu le niveau « or » (c'est-à-dire ceux qui se classent globalement parmi les premiers 4 p. 100) est donné par ordre alphabétique ci-dessous pour chaque concours.

JEFFREY	BAER	ACADEMY FOR GIFTED CHILDREN -	RICHMOND HILL, ON
PETER	BAI	BURNABY SOUTH S.S.	BURNABY, BC
ALVIN	BELLEZA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
ANURAG	BHALLA	NORTH ALBION C.I.	ETOBICOKE, ON
ANDREW	BRENNAN	DR. JOHN HUGH GILLIS SCHOOL	ANTIGONISH, NS
AENGUS	BRIDGMAN	KELVIN HIGH SCHOOL	WINNIPEG, MB
MIGUEL	CARINO	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
CONNIE	CHAN	BURNABY SOUTH S.S.	BURNABY, BC
KAREN	CHAN	DAVID THOMPSON S.S.	VANCOUVER, BC
BRIAN	CHEN	ASHBURY COLLEGE	OTTAWA, ON
HANBERT	CHEN	EAST YORK C.I.	TORONTO, ON
MO	CHEN	WINDERMERE S.S.	VANCOUVER, BC
RICK	CHEN	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
BILL	CHENG	WESTERN CANADA H.S.	CALGARY, AB
HANG	CHENG	E.S. ST-LUC	MONTREAL QC
YVONNE	CHENG	MARKHAM D.H.S.	MARKHAM, ON
KELVIN	CHEUNG	BAYVIEW SECONDARY SCHOOL	RICHMOND HILL, ON
GARY	CHIANG	SEAQUAM S.S.	NORTH DELTA, BC
SALLY	CHIU	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
RITWIK	CHOWDHURY	LORD BYNG S.S.	VANCOUVER, BC
AMANDA	CHU	WESTON C.I.	WESTON, ON
JUNIOR	CHUANG	SEAQUAM S.S.	NORTH DELTA, BC
JOHN	CLERIGO	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
DANIEL	COLLISTER	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
MICHAEL	DAI	EARL HAIG S.S.	NORTH YORK, ON
NATHANIEL	DILLON SMITH	MARC GARNEAU C.I.	DON MILLS, ON
LIAM	EDGINTON GREEN	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
MATTHEW	EWING	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
LEI	FENG	CENTENNIAL C. & V.I.	GUELPH, ON
JOHN	GLEESON	CHRISTIAN BROTHERS COLLEGE	CORK, IN
LAUREN	GORDON	ACADEMY FOR GIFTED CHILDREN -	RICHMOND HILL, ON
IAN	GRUNDY	CRESCENT SCHOOL	WILLOWDALE, ON
YANQI	HAO	CENTENNIAL C. & V.I.	GUELPH, ON
CIAN	HARGRAVE	CHRISTIAN BROTHERS COLLEGE	CORK, IN
TEMPLE	HE	ICAE	TROY, IN
GRAHAM	HENDRA	NORTHERN S.S.	TORONTO, ON
NATALIE	HILBRECHT	PRESTON H.S.	CAMBRIDGE, ON
CHU AN	HO	CARIBOO HILL S.S.	BURNABY, BC
JUNBIN	HUANG	L' AMOREAUX C.I.	AGINCOURT, ON
KARTHIK	IYER	ICAE	TROY, IN
ELIZABETH	JIN	MARTINGROVE C.I.	ETOBICOKE, ON
ALEX	JOYCE	ST. CLEMENT' S SCHOOL	TORONTO, ON
MAYA	KACZOROWSKI	WESTDALE S.S.	HAMILTON, ON
DUO	KAN	PRESTON H.S.	CAMBRIDGE, ON
TRAVIS	KELLEY	SEYCOVE S.S.	NORTH VANCOUVER, BC
HUN TAE	KIM	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB

Galois - Gold Standard

Palmarès individuel - Galois

WANKI	KIM	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
JUSTIN	KONG	MALVERN C.I.	TORONTO, ON
MIROSLAV	KOSTYUK	UPPER CANADA COLLEGE	TORONTO, ON
VIKTORIYA	KRAKOVNA	VAUGHAN ROAD ACADEMY	TORONTO, ON
STEVEN	KRYGER	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
AMY	LAU	HAVERGAL COLLEGE	TORONTO, ON
CALVIN	LAU	BURNABY SOUTH S.S.	BURNABY, BC
HENRY	LAU	UPPER CANADA COLLEGE	TORONTO, ON
DANNY	LEE	ERIC HAMBER S.S.	VANCOUVER, BC
KEVIN	LEE	SOUTHRIDGE SCHOOL	SURREY, BC
MICHELLE	LEGAULT	ASHBURY COLLEGE	OTTAWA, ON
MARK	LI	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
JUSTIN	LIANG	VINCENT MASSEY S.S.	WINDSOR, ON
SCOTT	LIN	MOSCROP SECONDARY SCHOOL	BURNABY, BC
KUANG YI	LIU	VINCENT MASSEY S.S.	WINDSOR, ON
SUNNY	LIU	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
KE	LU	NORTHERN S.S.	TORONTO, ON
STEVEN	LUO	MAGEE SECONDARY SCHOOL	VANCOUVER, BC
KEVIN	MA	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
RICHARD	MA	VINCENT MASSEY S.S.	WINDSOR, ON
RAMON	MARFIL	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
JOHN	MCINNES	ST. MARY' S H.S.	OWEN SOUND, ON
YING	MENG	WOBURN COLLEGIATE INSTITUTE	TORONTO, ON
JAN	MONZON	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
MARY	MU	WATERLOO C.I.	WATERLOO, ON
FARHAN	MURSHED	ICAE	TROY, IN
DAVID	PARK	T.A. BLAKELOCK H.S.	OAKVILLE, ON
YONGHO	PARK	RICHMOND HILL H.S.	RICHMOND HILL, ON
AKHIL	PILLAI	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
SILVIU	PITIS	DON MILLS C.I.	DON MILLS, ON
EMMANUEL	PLAN	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
PETER	QIU	EARL OF MARCH S.S.	KANATA, ON
JOHN	RUAN	VINCENT MASSEY S.S.	WINDSOR, ON
YAKOV	SHKLAROV	HENRY WISE WOOD S.H.S.	CALGARY, AB
KALYAN	SREERAM	ICAE	TROY, IN
CHIARA	STELLACCI	SILVER HEIGHTS C.I.	WINNIPEG, MB
CHONG	SU	WATERLOO C.I.	WATERLOO, ON
JOHNNY	SU	ERIC HAMBER S.S.	VANCOUVER, BC
WAN PENG	SUN	SAINT JOHN H.S.	SAINT JOHN, NB
WEIMING	SUN	WESTMOUNT S.S.	HAMILTON, ON
JONATHAN	TAM	UPPER CANADA COLLEGE	TORONTO, ON
RAYMOND	TAN	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
LEO	TELOSA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
JONATHAN	TO	UPPER CANADA COLLEGE	TORONTO, ON
LISA	TRANT	HAVERGAL COLLEGE	TORONTO, ON
KATHERINE	TSENG	MARKHAM D.H.S.	MARKHAM, ON
CLARENCE	TSO	UPPER CANADA COLLEGE	TORONTO, ON
SINAN	ULUSOY	WOBURN COLLEGIATE INSTITUTE	TORONTO, ON
ANDREW	WALTON	FORT RICHMOND C.I.	WINNIPEG, MB
ALEC	WATSON	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
AMY	WERNER ALLEN	ICAE	TROY, IN
CHARLES	WONG	UPPER CANADA COLLEGE	TORONTO, ON
DANIEL	WONG	ERIC HAMBER S.S.	VANCOUVER, BC
BRIAN	WU	LORD BYNG S.S.	VANCOUVER, BC
BOYANG	XIA	PORT MOODY S.S.S.	PORT MOODY, BC
LINDA	XING	LONDON CENTRAL S.S.	LONDON, ON
SIYUAN	XING	VINCENT MASSEY S.S.	WINDSOR, ON

Galois - Gold Standard

Palmarès individuel - Galois

JIMMY	YAN	SEAQUAM S.S.	NORTH DELTA, BC
YIYI	YANG	WESTERN CANADA H.S.	CALGARY, AB
ALAN	YE	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
DANIEL	YE	SIR WINSTON CHURCHILL S.S.	VANCOUVER, BC
XIAOYU	ZHAO	THE WOODLANDS S.	MISSISSAUGA, ON
RYAN	ZHOU	ADAM SCOTT C.&V.I.	PETERBOROUGH, ON
XINGYE	ZHU	JARVIS C.I.	TORONTO, ON

Distribution of Marks - Distribution des points

Averages - Moyenne

Distribution	Number	cumm. %	Question	Average
35-40	110	4.46		
30-34	595	28.61	1	8.4
25-29	714	57.59	2	7.2
20-24	527	78.98	3	6.6
15-19	286	90.58	4	2.7
10-14	154	96.83	score	24.8
0-9	78	100.00		

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pour télécharger les concours Fryer, Galois et Hypatie 2004, avec solutions complètes.

The top 25% of the competitors in each of the three Contests were divided into three categories: Gold Standard, Silver Standard and Bronze Standard, in the ratio 1:2:3. The names of those students achieving the Gold Standard (that is, scoring in roughly the top 4%) are listed alphabetically below for each Contest.

Les candidats qui se classent dans le premier quart du classement dans chacun des trois concours ont été répartis en trois catégories : le niveau « or », le niveau « argent » et le niveau « bronze », selon le ratio 1:2:3. Le nom des étudiant qui ont obtenu le niveau « or » (c'est-à-dire ceux qui se classent globalement parmi les premiers 4 p. 100) est donné par ordre alphabétique ci-dessous pour chaque concours.

CHARLES W	ANG	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
ROBIN	BAJ	PORT CREDIT S.S.	MISSISSAUGA, ON
VIVEK	BEHERA	ICAE	TROY, IN
ADAM	CAMPIGOTTO	HOLY NAMES H.S.	WINDSOR, ON
JESSICA	CAO	SIR JOHN A. MACDONALD C.I.	AGINCOURT, ON
THAO	CAO	KELVIN HIGH SCHOOL	WINNIPEG, MB
LARRY	CHANG	SEAQUAM S.S.	NORTH DELTA, BC
QU	CHEN	HARRY AINLAY H.S.	EDMONTON, AB
TONY	CHEN	SEAQUAM S.S.	NORTH DELTA, BC
CALVIN	CHENG	ERIC HAMBER S.S.	VANCOUVER, BC
ALVIN	CHEUNG	BURNABY CENTRAL S.S.	BURNABY, BC
EUNAE	CHO	PORT CREDIT S.S.	MISSISSAUGA, ON
FRANCIS	CHUNG	A.B. LUCAS S.S.	LONDON, ON
ROBIN	DANG	WOODBRIIDGE COLLEGE	WOODBRIIDGE, ON
BO HONG	DENG	JARVIS C.I.	TORONTO, ON
XIAO	DONG	WESTERN CANADA H.S.	CALGARY, AB
JOHANN	DY	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
GWEN	ECHLIN	MACKENZIE H.S.	DEEP RIVER, ON
DOREEN	FAN	VINCENT MASSEY S.S.	WINDSOR, ON
DAN	FERGUSON	WESTERN CANADA H.S.	CALGARY, AB
ERIN	FRANKLIN	BLUEVALE C.I.	WATERLOO, ON
BOWEN	GAO	PORT MOODY S.S.S.	PORT MOODY, BC
JOYCE	GU	WATERLOO C.I.	WATERLOO, ON
ZHENG	GUO	WESTERN CANADA H.S.	CALGARY, AB
MICHEL	HAN	ICAE	TROY, IN
POLLY	HAN	WESTERN CANADA H.S.	CALGARY, AB
CAROL	HUANG	WOBURN COLLEGIATE INSTITUTE	TORONTO, ON
YOSHIHIDE	ITO	SIR WILLIAM MULOCK S.S.	NEWMARKET, ON
OLEG	IVRII	DON MILLS C.I.	DON MILLS, ON
LIU	JIANG	RIDGEMONT H.S.	OTTAWA, ON
MICKI	JIN	EARL HAIG S.S.	NORTH YORK, ON
CHRISTOPHE	JONES	A.B. LUCAS S.S.	LONDON, ON
OGDEN	JOSHUA	PACIFIC ACADEMY	SURREY , BC
LIYI	JU	GLEBE COLLEGIATE INSTITUTE	OTTAWA, ON
AUDREY	KERTESZ	HENRY WISE WOOD S.H.S.	CALGARY, AB
STEVE	KIM	PORT MOODY S.S.S.	PORT MOODY, BC
KEVIN	LAM	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
ERIC	LAU	SIR JOHN A. MACDONALD C.I.	AGINCOURT, ON
SAM	LEE	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
VICTOR	LEE	CRESCENT SCHOOL	WILLOWDALE, ON
VINCENT	LEE	VANCOUVER COLLEGE H.S.	VANCOUVER, BC
HAN HAN	LI	E.S. ST-LUC	MONTREAL, QC
RUIZHE	LI	LONDON CENTRAL S.S.	LONDON, ON
YAO	LI	WESTERN CANADA H.S.	CALGARY, AB
CHENEN	LIANG	WATERLOO C.I.	WATERLOO, ON
MEGAN	LICKLEY	LO-ELLEN PARK S.S.	SUDBURY, ON

Hypatia - Gold Standard

Palmarès individuel - Hypatie

SANDY	LIU	MARTINGROVE C.I.	ETOBICOKE, ON
TAOTAO	LIU	VINCENT MASSEY S.S.	WINDSOR, ON
TIANYU	LIU	LISGAR C.I.	OTTAWA, ON
WILLIAM	MA	WATERLOO C.I.	WATERLOO, ON
CHAITANYA	MALLA	ICAE	TROY, IN
BOYAN	MARINOV	HARRY AINLAY H.S.	EDMONTON, AB
STEPHEN	MCCARTHY	DOVER BAY S.S.	NANAIMO, BC
MIKE	MCDONALD	WATERLOO C.I.	WATERLOO, ON
STEVEN	MELENCHUK	HENRY WISE WOOD S.H.S.	CALGARY, AB
NATALIE	MELTON	PORT ARTHUR C.I.	THUNDER BAY, ON
MATTHEW	MORRELL	SAINT JOHN H.S.	SAINT JOHN, NB
YUCHEN	MU	ST. JOHN' S-RAVENSCOURT SCHOOL	WINNIPEG, MB
NICK	MURDOCH	LONDON CENTRAL S.S.	LONDON, ON
PATRICK	NG	WOBURN COLLEGIATE INSTITUTE	TORONTO, ON
ATHENA	NGUYEN	KELVIN HIGH SCHOOL	WINNIPEG, MB
MIHAI	NICA	WATERLOO C.I.	WATERLOO, ON
ALEX	OH	OAKRIDGE S.S.	LONDON, ON
JENNIFER	PARK	BLUEVALE C.I.	WATERLOO, ON
MICHAEL	PARK	THORNHILL S.S.	THORNHILL, ON
SEUNG	PARK	WESTERN CANADA H.S.	CALGARY, AB
RICHARD	PENG	VAUGHAN ROAD ACADEMY	TORONTO, ON
CHARLES	QI	JARVIS C.I.	TORONTO, ON
CHAO	QU	DR. NORMAN BETHUNE C.I.	SCARBOROUGH, ON
LOHEETHA	RAGUPATHI	WOBURN COLLEGIATE INSTITUTE	TORONTO, ON
ROMAN	SHAPIRO	VINCENT MASSEY S.S.	WINDSOR, ON
JIMMY	SHEN	VINCENT MASSEY S.S.	WINDSOR, ON
DIFU	SHI	GLEBE COLLEGIATE INSTITUTE	OTTAWA, ON
JUSTIN	SHUM	MARKHAM D.H.S.	MARKHAM, ON
JASON	SIM	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
GEOFFREY	SIU	LONDON CENTRAL S.S.	LONDON, ON
CARL	SONG	LISGAR C.I.	OTTAWA, ON
JORDAN	STOPCIATI	LOCKERBY COMPOSITE SCHOOL	SUDBURY, ON
SARAH	SUN	HOLY TRINITY ACADEMY	OKOTOKS, AB
YUANHANG	SUN	VINCENT MASSEY S.S.	WINDSOR, ON
ALDIS	SUNG	ST. ANDREW' S COLLEGE	AURORA, ON
AMANDA	SZETO	CEDARBRAE C.I.	SCARBOROUGH, ON
YU	TANEBE	UPPER CANADA COLLEGE	TORONTO, ON
AUGUSTINE	TEJADA	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
TOMMY	TING	KELVIN HIGH SCHOOL	WINNIPEG, MB
JOEL	TOUSIGNANTBARN	WESTERN CANADA H.S.	CALGARY, AB
ERIC	TRAN	WESTERN CANADA H.S.	CALGARY, AB
KEVIN	USHEY	SEAQUAM S.S.	NORTH DELTA, BC
DAVID	WAN	MATH. TRAINERS GUILD OF PHILLI	ZAMBOANGA CITY, IN
DAVID SHUO	WANG	ROSS SHEPPARD COMP. H.S.	EDMONTON, AB
JENNY	WANG	DON MILLS C.I.	DON MILLS, ON
CHRIS	WATT BICKLEY	SIR WILFRID LAURIER H.S.	ORLEANS, ON
DAVID	WEBER	VINCENT MASSEY COLLEGIATE	WINNIPEG, MB
SHAUN	WHITE	VINCENT MASSEY S.S.	WINDSOR, ON
BEN	WILLARD	FOREST HEIGHTS C.I.	KITCHENER, ON
LOKSANG	WONG	CHINESE INTER. SCHOOL	BRAEMAR HILL, IN
VINCENT	WOO	ERIC HAMBER S.S.	VANCOUVER, BC
WENXIN	XU	DON MILLS C.I.	DON MILLS, ON
RUI	XUE	MARTINGROVE C.I.	ETOBICOKE, ON
ZIJIANG	YANG	JARVIS C.I.	TORONTO, ON
QI	YAO	GLENFOREST S.S.	MISSISSAUGA, ON
JIMMY PENG	YE	SIR JOHN A. MACDONALD C.I.	AGINCOURT, ON

Hypatia - Gold Standard

Palmarès individuel - Hypatie

THOMAS	YOOK	HOLY CROSS REG. H.S.	SURREY, BC
JOE	YU	EARL OF MARCH S.S.	KANATA, ON
ALLEN	ZHANG	BURNABY SOUTH S.S.	BURNABY, BC
BOYANG	ZHANG	THE WOODLANDS S.	MISSISSAUGA, ON
YUFEI	ZHAO	DON MILLS C.I.	DON MILLS, ON
TONY	ZHOU	GLENFOREST S.S.	MISSISSAUGA, ON

Distribution of Marks - Distribution des points

Averages - Moyenne

Distribution	Number	cumm. %
35-40	61	2.74
30-34	414	21.36
25-29	480	42.92
20-24	418	61.74
15-19	315	75.90
10-14	259	87.54
0-9	277	100.00

Question	Average
1	7.8
2	6.9
3	4.6
4	2.1
score	21.4

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**Fryer Contest
Concours Fryer**

SCORE/ NOTE	RANK/ POSITION
40	1
39	16
38	35
37	58
36	107
35	161
34	244
33	359
32	523
31	708
30	933
29	1143
28	1360
27	1540
26	1726
25	1897
24	2043
23	2197
22	2336
21	2455
20	2546
19	2631
18	2706
17	2772
16	2822
15	2872
14	2919
13	2952
12	2979
11	2995
10	3017
9	3036
8	3051
7	3064
6	3074
5	3078
4	3084
3	3088
2	3093
1	3098
0	3099

**Galois Contest
Concours Galois**

SCORE/ NOTE	RANK/ POSITION
40	1
39	5
38	16
37	26
36	42
35	72
34	111
33	174
32	286
31	426
30	554
29	706
28	845
27	999
26	1153
25	1279
24	1420
23	1542
22	1660
21	1767
20	1853
19	1947
18	2017
17	2077
16	2135
15	2198
14	2233
13	2267
12	2303
11	2337
10	2368
9	2387
8	2407
7	2424
6	2432
5	2444
4	2449
3	2455
2	2459
1	2461
0	2462

**Hypatia Contest
Concours Htpatie**

SCORE/ NOTE	RANK/ POSITION
40	1
39	8
38	16
37	23
36	31
35	45
34	62
33	109
32	176
31	282
30	376
29	476
28	572
27	679
26	784
25	868
24	956
23	1044
22	1130
21	1222
20	1303
19	1374
18	1457
17	1523
16	1585
15	1632
14	1689
13	1741
12	1797
11	1848
10	1903
9	1948
8	1988
7	2026
6	2061
5	2097
4	2122
3	2142
2	2169
1	2193
0	2211

The listing above pertains to all competitors. / La liste précédente s'applique à tous les concurrents.

Student Enrolment by Province

Inscription par province

Newfoundland	62	Terre-Neuve	Ontario	6657	Ontario
Nova Scotia	99	Nouvelle-Écosse	Manitoba	418	Manitoba
New Brunswick	152	Nouveau-Brunswick	Saskatchewan	92	Saskatchewan
Prince Edward Island	2	Ile-du-Prince-Édouard	Alberta	508	Alberta
Quebec	303	Québec	British Columbia	1622	Colombie-Britannique
			Yukon	1	Yukon

Total number of students enrolled / Nombre d'inscriptions individuelles: 10537