

STUDENT COMPETITIONS / COMPÉTITIONS ÉTUDIANTES

(SEE EXTENDED ABSTRACTS OF THE WINNERS ON PAGES 134-150 PLUS PHOTOS ON PAGE 133 /
VOIR RÉSUMÉS DES GAGNANTS AUX PAGES 134-150 ET PHOTOGRAPHIES À LA PAGE 133)

The Canadian Association of Physicists has established these awards to recognize student members giving the best oral and poster research presentations at the annual CAP Congress. Up to three awards in each category, each consisting of a certificate of recognition and a cash prize, will be made each year. In addition, a number of CAP Divisions offer prizes for the best student presentations at the divisional level.

Eligibility, selection procedure, and selection criteria for the competitions are available through the Congress website each year. The full list of winners, including divisional prize winners and honourable mentions, can be found on the CAP website, under medals/awards.

L'Association canadienne des physiciens et physiciennes a créé ces prix afin de récompenser les membres étudiants auteurs des meilleures communications au congrès annuel. Elle décernera tous les ans un maximum de trois prix dans chaque catégorie, chacun consistant d'un certificat de mérite et d'une somme. De plus, plusieurs divisions offrent des prix pour leurs meilleures présentations étudiantes.

Admissibilité, modalités et critères de sélection pour les prix sont sur le site web de l'ACP. Le liste complète des gagnants et mentions honorables, incluant les prix aux niveaux divisionnels, se trouvent sur le site internet de l'ACP, sous la rubrique médailles/prix.

CAP DIVISION PRIZES / PRIX DES DIVISIONS DE L'ACP

Division prizes included a cash prize of \$200 for first, \$100 for second, and \$50 for third.
Les prix des divisions incluent une somme de 200 \$ (1er), 100 \$ (2e) et 50 \$ (3e).

ATMOSPHERIC AND SPACE PHYSICS / <i>PHYSIQUE ATMOSPHÉRIQUE ET DE L'ESPACE</i>	
PLACEMENT	NAME/AFFILIATION
Oral - First	Gareth Perry, Univ. of Saskatchewan
Oral - Second	Alex Cushley, RMC
Poster - First	Patrick Perron, RMC

CONDENSED MATTER AND MATERIALS PHYSICS / <i>PHYSIQUE DE LA MATIÈRE CONDENSÉE ET MATÉRIAUX</i>	
PLACEMENT	NAME/AFFILIATION
Oral - First	Bradley Hauer, Univ. of Alberta
Oral - Second	Sarah Purdy, Univ. of Saskatchewan
Oral - Third	Joshua Crone, Univ. of Waterloo
Poster - First	Maryam Taheri, Brock Univ.
Poster - Second	Muhammad S. Ahmed, Western Univ.

MEDICAL AND BIOLOGICAL PHYSICS / <i>PHYSIQUE MÉDICALE ET BIOLOGIQUE</i>	
PLACEMENT	NAME/AFFILIATION
Oral - First	Mari Boesen, Univ. of Calgary
Oral - Second	Roshan Achal, Univ. of Calgary
Poster - First	Stefano Peca, Univ. of Calgary

PARTICLE PHYSICS / <i>PHYSIQUE DES PARTICULES</i>	
PLACEMENT	NAME/AFFILIATION
Oral - First	Tina Pollmann, Queen's Univ.
Oral - Second	Corina Nantais, Queen's Univ.
Poster - First	Tina Pollmann, Queen's Univ.

ATOMIC, MOLECULAR AND OPTICAL PHYSICS, CANADA <i>PHYSIQUE ATOMIQUE, ET MOLÉCULAIRE ET PHOTONIQUE, CANADA</i>	
PLACEMENT	NAME/AFFILIATION
Oral - First	Andrew MacRae, Univ. of Calgary
Oral - Second	Arghavan Safavi-Naini, MIT
Poster - First	Arghavan Safavi-Naini, MIT

INSTRUMENTATION AND MEASUREMENT / <i>INSTRUMENTS ET MESURES</i>	
PLACEMENT	NAME/AFFILIATION
Best Overall	Mojtaba Rezaei, Univ. of Calgary (oral)

PLASMA PHYSICS / <i>PHYSIQUE DES PLASMAS</i>	
PLACEMENT	NAME/AFFILIATION
Oral - First	Yelu Liu, Univ. of Saskatchewan

THEORETICAL PHYSICS / <i>PHYSIQUE THÉORIQUE</i>	
PLACEMENT	NAME/AFFILIATION
Oral - First	Golnoosh Bizhani, Univ. of Calgary
Oral - Second	Eric Brown, Univ. of Waterloo
Oral - Third	Jonathan Ziprick, Perimeter
Poster - First	Michael Skotiniotis, IQIS

INDUSTRIAL AND APPLIED/ <i>INDUSTRIELLE ET APPLIQUÉE</i>	
PLACEMENT	NAME/AFFILIATION
Poster - First	Jakob Emmel, UBC

WOMEN IN PHYSICS/ <i>LES FEMMES EN PHYSIQUE</i>	
PLACEMENT	NAME/AFFILIATION
Poster - Tie	Tina Pollmann, Queen's Univ.
Poster - Tie	Maryam Taheri, Brock Univ.



AECL-SPONSORED PRIZE

Best oral : Danilar Marlisov, Univ. of Alberta

CONGRATULATIONS

STUDENT COMPETITIONS / COMPÉTITIONS ÉTUDIANTES

WINNERS GAGNANTS

CAP AWARDS - POSTERS

Poster prizes included a certificate of recognition and a cash award of \$400, \$200, and \$100 respectively for the top three placements, partially sponsored by TRIUMF. Book prizes generously donated by Pearson Education Canada were awarded to each of the six finalists.

PLACEMENT	NAME/AFFILIATION
First	Tina Pollmann (Queen's Univ.)
Second	Arghavan Safavi-Naini (MIT)
Third	Stefano Peca (Univ. of Calgary)
1st Hon.Men.	Jakob Emmel (UBC)
2nd Hon.Men.	Patrick Perron (RMC)
3rd Hon.Men.	Maryam Taheri (Brock Univ.)



2012 Best Student Poster Presentation competition winners

(from left to right):
Jakob Emmel, Michael Skotiniotis, Stefano Peca, Patrick Perron, Tina Pollmann, Maryam Taheri, and Arghavan Safavi-Naini
(presenter on far right: J. Michael Roney)

Missing: Muhammad S. Ahmed

CAP AWARDS - ORAL PRESENTATIONS

Oral prizes included a certificate of recognition and a cash award of \$400, \$200, and \$100 respectively for the top three placements, partially sponsored by TRIUMF. Book prizes generously donated by John Wiley & Sons Limited were awarded to each of the nine finalists.

PLACEMENT	NAME/AFFILIATION
First	Bradley Hauer (Univ. of Alberta)
Second	Andrew MacRae (Univ. of Calgary)
Third	Roshan Achal (Univ. of Calgary)
Finalist-HM	Tina Pollmann (Queen's Univ.)
Finalist-HM	Golnoosh Bizhani (Univ. of Calgary)
Finalist-HM	Gareth Perry (Univ. of Saskatchewan)
Finalist-HM	Corina Nantais (Queen's Univ.)
Finalist-HM	Matthew Kostka (Univ. of Calgary)



2012 Best Student Oral Presentation competition winners

(from left to right):
Tina Pollmann, Corina Nantais, Joshua Crone, Andrew MacRae, Arghavan Safavi-Nain, Sarah Purdy, Alex Cushley, Gareth Perry, Roshan Achal, Maryam Taheri, Eric Brown, Jonathan Ziprick, Golnoosh Bizhani, Daniil Marsilov
(presenter on far right: J. Michael Roney)

Missing: Mari Boesen, Bradley Hauer, Matthew Kostka, Yelu Liu, and Mojtaba Rezaei

Thanks to our generous sponsors / Merci à nos commanditaires généreux :

Pearson Education Canada John Wiley & Sons Limited and/et TRIUMF

and to the CAP's Past President at that time, Dr. Robert Mann of the University of Waterloo for his extraordinary efforts in organizing this event. Our thanks are also extended to all of the judges and competitors.

FÉLICITATIONS