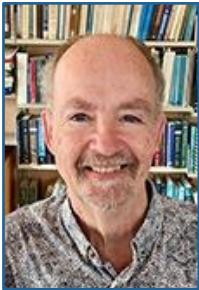


2022 CAP MEDAL RECIPIENTS / LAURÉATS DES MÉDAILLES DE L'ACP DE 2022

The CAP is very pleased to recognize its 2022 medal recipients. Please visit the [CAP website](#) for the list of medal recipients with a link to the detailed citations and any remarks submitted by the recipient following the receipt of the award.

L'ACP est très heureuse de reconnaître ses récipiendaires de médailles 2022. Veuillez consulter [le site web de l'ACP](#) pour obtenir la liste des récipiendaires de médailles, ainsi qu'un lien vers les citations détaillées et les remarques à la suite de la réception de la récompense.

CAP Medal for Lifetime Achievement in Physics / Médaille de l'ACP pour contributions exceptionnelles à la physique



CHARLES GALE, McGill University

Awarded in recognition of his profound contributions as a world leader in high-energy nuclear science, and in the physics of strongly interacting matter under extreme conditions of high temperature and density.

CAP Herzberg Medal / Médaille Herzberg de l'ACP



DARYL HAGGARD, McGill University

Awarded in recognition of her leadership role in the development of multimessenger astronomy, and the ground-breaking discovery of the electromagnetic signal accompanying gravitational waves from colliding neutron stars.

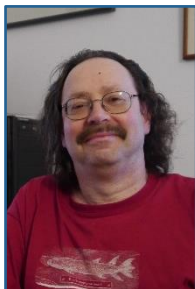
CAP-INO Medal for Outstanding Achievement in Applied Photonics / La Médaille de l'ACP-INO pour contributions exceptionnelles en photonique appliquée



HOI-KWONG LO, University of Toronto

Awarded in recognition of his outstanding impact on the field of Quantum communication in terms of practical implementations, laying the groundwork for commercial products for the Quantum internet. Dr Lo is a researcher of truly international caliber, with large impact at the forefront of quantum cryptography and quantum key distribution (QKD) physics.

CAP-CRM Prize in Theoretical and Mathematical Physics / Le Prix ACP-CRM de physique théorique et mathématique



DAVID LONDON, Université de Montréal

Awarded in recognition of his outstanding contributions to the theory of elementary particles, including trailblazing contributions to the analysis of B meson decays and CP violation in the Standard Model of particle physics.

CAP-TRIUMF Vogt Medal for Contributions to Subatomic Physics / Médaille Vogt de l'ACP-TRIUMF pour contributions en physique subatomique



ASIMINA ARVANITAKI, Perimeter Institute for Theoretical Physics

Awarded in recognition of her innovative contributions to a number of areas of fundamental physics and in particular for identifying experiments that could test the underlying physics.

CAP Medal for Excellence in Teaching Undergraduate Physics / Médaille de l'ACP pour l'excellence en enseignement de la physique au premier cycle



JAMES CHARBONNEAU, University of British Columbia

Awarded in recognition of his teaching excellence and educational leadership at the University of British Columbia, including contributions to the Scholarship of Teaching and Learning and development of open-source educational software.

CAP-DCMMP Brockhouse Medal / Médaille Brockhouse de l'ACP-DPMCM



FEDERICO ROSEI, INRS-EMT

Awarded in recognition of his experimental work on tailoring the properties of a wide array of nanomaterials to find applications in photovoltaics, biocompatibility and self-assembling systems.