



## Table of Contents / *Table des matières*

- 1 Editorial - The Future of University Teaching, by Béla Joós
- 4 Éditorial – L’avenir de l’enseignement universitaire, par Béla Joós
- 8 In Memoriam – Anton Z. Capri (1938-2021), by Manu Paranjape

---

### Student and Physics Education Articles / Articles des étudiant(e)s et articles sur l’enseignement de la physique

- 10 Double Atomic Electron Emission Following the Beta Decay of  ${}^6\text{He}$ , by Aaron Bondy and Gordon W.F. Drake
- 16 2021 Student Competition / Compétitions étudiants 2021
- 20 Creating a Superfluid Crystal in Helium-3, by Pramodh Senarath Yapa, Rufus Boyack, and Joseph Maciejko
- 25 Model of Magnetic Monopole Production in Heavy-Ion Ultraperipheral Collisions at LHC, by Wen-Yi Song and Wendy Taylor
- 29 Moving Toward Faster Measurements of Micron-Sized Axon Diameters *in Vivo*, by Kaihim Wong *et al.*
- 35 Microwave Resonators for Global Control of Electron Spin Qubits, by Stephen R. Harrigan *et al.*
- 39 Physics Graduate Student Employment: What We Can Learn from Professional Social Media, by Erin M. Tonita *et al.*

---

### CAP Recognitions and Office News / Distinctions de l’ACP et Nouvelles du bureau

- 46 2021 CAP Medal Recipients / Lauréats des médailles de l’ACP de 2021
- 49 2021 High School-Cégep Physics Teaching Awards / Prix de l’ACP en enseignement de la physique au secondaire et au collégial
- 52 Meet your 2021-22 Executive / Rencontrez votre exécutif 2021-22
- 55 2021-2022 CAP Board of Directors / Conseil d’administration

**Front cover:** “Firebending Cool Flames”, by Maggie Yang, Victoria Park Collegiate Institute, Toronto ON – Second Place (High School/CEGEP Individual Category), 2019 **Art of Physics competition.** / **Couverture :** « Firebending Cool Flames », par Maggie Yang, Victoria Park Collegiate Institute, Toronto ON - Deuxième place (catégorie individuelle lycée/CEGEP), **concours l’Art de la physique 2019.**