Brief Professional Biography

Calvin S. Kalman, has been a Faculty member in the Dept. of Physics at Concordia U. for over 50 years (34 as full Professor). He has served in many roles at the CAP including Chair of the DPE, councillor (CAP tour - Ontario & Quebec), Chair of the CAP teaching medal committee. He has held administrative positions at Concordia including Principal of the Science College, Chair of the Dept. Physics. Internationally he was for many years Chair of the Hyperons Charm and Beauty Hadrons conferences series and is presently Co-Chair Strand 1, NARST. His editing responsibilities include Guest Associate Editor Frontiers and series editor- Science and Engineering Education Sources. He has published 12 books, written 141 papers for journals, and supervised 23 theses. He regularly serves as a referee for journals. He was made a member of the Provost's Circle of Distinction at Concordia University, received the Arts and Science Dean's lifetime achievement award for teaching excellence, the Canadian Association of Physicists Medal for Excellence in Teaching and the Concordia University Council on Student Life Teaching Award 1998. He has been an active volunteer in the community including President of the St. Antoine 50+ community Centre, and school Commissioner at the Protestant School Board of Greater Montreal.

Candidate Statement

CAP has done a great deal for me in the past and I would like to pay back by helping out. We need to make renewed efforts to convince all Canadian physicists that CAP is important to them and get more of them to join CAP. For younger physicists we need to emphasize relevant social issues such as sustainability and the environment. For others we need more publicity about how CAP helps them. We need more efforts to reach out to those who teach physics in High School. (I was involved in reducing fees for High School Physics Instructors.) We also need to make CAP relevant to them. Physics in Canada has been a great vehicle for us but we have to think about ways to enhance it. We need to make a renewed effort to reach out to physicists in industry. In my role as chair of a physics department (2 terms) and principal of Concordia's science college (3 terms) I always felt that we have to be open to new approaches to old problems. I have had several roles in physics- many years in high energy physics including chair of an international conference series & many years in physics educational research. I am not an outsider to the workings of CAP. I have had many positions at CAP including Chair of DPE, Chair CAP teaching medal committee and councillor for several terms (In this role I was in charge of the CAP tour - Ontario & Quebec).