

Christian Reber, MCIC was born and raised in Switzerland and received his undergraduate degree in chemistry from the University of Bern in 1985. He chose to do graduate work in Hans U. Güdek's research group at Bern and obtained his PhD degree in 1989 with a thesis on transition-metal doped elpasolites. Reber then moved to North America for postdoctoral studies in Jeffrey I. Zink's laboratory at the University of California, Los Angeles. At UCLA, he had the opportunity to explore the electronic spectroscopy of a variety of inorganic and organometallic molecules and to apply quantum-mechanical calculations to the analysis of electronic spectra.

Reber joined the Department of Chemistry at the Université de Montréal in 1991 as an Assistant Professor and was promoted to Associate Professor in 1996. His current research interests are focused on the control and detailed spectroscopic investigation of excited-state properties of transition metal compounds. His research group studies glasses and crystals at temperatures between 2°K and 3000°K with optical absorption, luminescence and Raman spectroscopy in the UV/visible and near-infrared spectral regions. These experiments have allowed us to identify new trends and to discover unusual electronic and vibronic effects in inorganic solids.

The CNC/IUPAC Travel Award will allow Reber to present a summary of his group's work at the 36th International IUPAC Congress in Geneva.