
Chant Medal

The Chant Medal of the Society was established in 1940 in appreciation of the great work of the late Prof. C.A. Chant in furthering the interests of astronomy in Canada. It is awarded to an amateur astronomer, resident in Canada, on the basis of the value of the work carried out in astronomy and closely allied fields of the original investigation.

Dr. Michel Duval (Centre francophone de Montréal)

Dr. Duval is a chemist and amateur astronomer, recognized for his work in successfully determining that the Black Drop Effect seen during transits of Venus and Mercury is caused by the formation of diffraction halos. His insight from the 2004 Venus transit was validated with the 2012 Venus and 2016 Mercury transits. In 2017, he showed the diffraction halo effect contributes to the solar eclipse Diamond Ring effect.