

**In memoriam: Pavel Winternitz**

Pavel Winternitz died on February 13, 2021 in Montréal. Professor Winternitz had a long and successful career, first as a researcher at the Centre de recherches mathématiques (CRM), then as a professor in the Université de Montréal's Department of Mathematics and Statistics (DMS) where he greatly contributed to the development of mathematical physics. Last June, he was named Professor Emeritus.

The CRM loses one of its pioneers and the DMS one of its most distinguished faculty member. After a 47-year career at UdeM, he retired in December 2019 without ceasing his research and student supervision activities. His scientific impact is considerable. His kindness and friendship will be greatly missed.

Pavel Winternitz completed a master's degree at the University of Leningrad and then a PhD in Dubna with Ya. A. Smorodinsky. As young researcher Winternitz arrived at the CRM in 1972, just four years after it was created in 1968. He made his mark there with his colleague Jiri Patera in the following years. Indeed, he developed an impressive network of international collaborators, many of whom spent scientific stays at the CRM. Thanks to the dynamism of his team, Montréal is recognized as a pole of excellence for research in mathematical physics. In 1984, he joined UdeM's DMS as a full professor. He pursued an exceptional career combining research and teaching at all levels.

Pavel Winternitz was an outstanding researcher in the study of integrable systems and the classification of symmetries in differential equations describing phenomena in physics. He is recognized as an international leader in this field. Many of his works are considered as building blocks for new subfields or new theories, some of which now bear his name. He has also been extraordinarily prolific. Among his publications, nearly 300 articles and 125 conference proceedings have appeared in peer-reviewed journals.

Pavel Winternitz's research excellence has earned him several important awards and honours. The most recent was awarded in 2018 in Prague when he received the prestigious Wigner Medal for outstanding contributions to physics through group theory.

Pavel Winternitz has made major contributions to mathematical physics at the UdeM's DMS, the CRM, the Université de Montréal, in Canada and around the world. He will be remembered.

We welcome your testimonials at: [communication@crm.umontreal.ca](mailto:communication@crm.umontreal.ca)