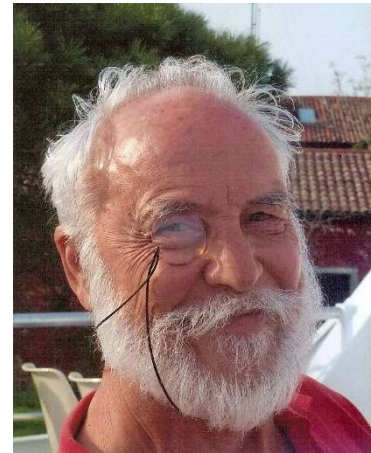


## Short CV of Prof. Emer. Claude-Alain Roulet

Born in 1941, Claude-Alain Roulet studied Physics at the EPUL (École Polytechnique de l'Université de Lausanne) and got a PhD in sciences at the EPFL (École Polytechnique Fédérale de Lausanne) in 1973. After a short job in the industry, where he developed a laser for boring holes in watch jewels, he worked as engineer at the Building materials laboratory, EPFL from 1974 to 1982 where he did research on the frost effects on building materials, and on measurement of thermal properties of building materials, in particular insulating materials. In 1973, he co-founded a factory producing thermal solar absorbers and developed a selective black chrome coating for these solar collectors.



Since April 1982 he acted as senior scientist at the Solar Energy and Building Physics Research Laboratory (LESO-PB) at the EPFL, where he did research on on-site measurement techniques related to energy and ventilation in buildings, thermal behaviour modelling of buildings and indoor environment quality and health. His research group also developed and validated ventilation models of buildings, and brought major contributions to several International Energy Agency and European Union research projects. He is author of five books, of about 100 peer-reviewed papers and 120 contributions to scientific conferences.

He also gave lectures in physics, building physics, and indoor environment quality at the EPFL continuously since 1966. He is now retired and Prof. Emeritus since April 1st, 2006, but still active as consultant in building physics.

Being of the opinion that standards are ways to transfer scientific knowledge to practice, he is member since 1981 (and president since 1997) of the Swiss standardising commission SIA 180 on thermal comfort and indoor air quality in buildings. Between 1998 and 2006 he was also delegate to technical committees CEN TC 89 (thermal performance of buildings and building components), and ISO TC 163 (Thermal performance and energy use in the built environment), also acting as convenor in several working groups in these committees.

By the way, he was also in the town council of Apples, Switzerland, since 1994 and mayor of this community from 2002 to 2011. He is married since 1964, has two children and three grand-children.

See also <http://people.epfl.ch/claude.roulet>