Short CV of Prof. Dr. Wim Ubachs

Wim Ubachs is Professor of Atomic, Molecular and Laser Physics in the Department of Physics and Astronomy at the Vrije Universiteit in Amsterdam. He obtained his PhD degree in 1986 from the University of Nijmegen, for a thesis entitled: High Resolution Laser Spectroscopy on Diatomic Hydrides. In 1986 he was a visiting scientists at the Dalian Institute of Chemical Physics (Peoples Republic of China) and in 1987-1988 he was a Post-Doctoral fellow at the Department of Chemistry at Stanford University (USA) in the group of Prof. R.N. Zare.
Since1988 he is with the Vrije Universiteit in Amsterdam, since 2003 as a Full professor.
In the period 2000-2010 he has acted as Director of Laser Centre Vrije Universiteit, a major laser-oriented research facility where about 100 scientists conduct their research. During 2010-2014 he has been Head of the Department of Physics and Astronomy at VU University.
In the period 2001-2004 he has held a part-time Professorship at the Eindhoven University of Technology, and in 2002 he has held a Guest Professorship at ETH Zürich, at the Laboratorium für Physikalische Chemie. In summer 2006 he was a Guest Professor at the Tokyo University of Science.
His research interests are in Laser Spectroscopy, and in the development of advanced laser sources, particularly at short wavelengths in the domain of the extreme ultraviolet. Besides that he has an interest in molecular atmospheric physics, in molecular astrophysics, and is now pursuing a research line in the field of metrology as well as in astronomy. Focus is on the search for a possible variation of the fundamental constants of nature.
He has given invited lectures at many international conferences (http://www.nat.vu.nl/~wimu/TALKS.html) and has co-authored over 250 scientific papers (see http://www.nat.vu.nl/~wimu/PUBS.html).
Since 2014 he is also group leader at the Advanced Research Center for Nanolithography (ARCNL) in Amsterdam investigating Laser Produced Plasma sources for EUV light.