

## **RNDr. Martin Setvák, CSc.**

Born in 1958 in Prague, Czech Republic, high school (Gymnázium Praha-4, Budějovická 680) finished in 1977. From the Faculty of Mathematics and Physics of the Charles University (MFF UK) graduated in meteorology and climatology in 1983, *RNDr.* degree achieved there in 1985, *CSc.* degree in 1994.

Since 1983 has been employed in the [Czech Hydrometeorological Institute](#) (CHMI, national meteorological service of the Czech Republic); his main tasks here are processing and interpretation of weather satellite data; since 1990 he is the head of CHMI's Satellite Department, since March 2015 he is the head of CHMI Remote Sensing. His main professional interest is exploitation of satellite data for studies of tops of deep convective storms (see the list of his publications). This was also the main topic of a project *Relation Between the AVHRR Channel 3 Cloud Top Reflectivity and Severity of Storms* of the U.S./Czech Science and Technology Program, carried out in 1994 - 1997 in collaboration with the NOAA National Severe Storms Laboratory (NSSL) in Norman, Oklahoma, USA. Over the last ~ 15 years he has been closely collaborating with [EUMETSAT](#) – both in the processes of negotiating the Czech Republic's *Cooperating State* (2005-2010) and *Member State* (since 2010) memberships in EUMETSAT, and presently participating as a Delegate in various EUMETSAT formal bodies (EUMETSAT *Council Meetings*, in its *Scientific and Technical Group* (STG) and in *STG Science Working Group* (STG-SWG)). Since 2007 he has been active in the EUMETSAT [Convection Working Group](#) (CWG), in the period 2010-2016 he was co-chairing the group. Besides the EUMETSAT-related activities, he also collaborates with scientists from other, non-European countries and institutions.

In addition to the satellite observations of deep convective clouds, his professional interests are also aimed at general documentation of severe convective storms. He has acted as principle co-investigator (for the CHMI side, in collaboration with the [Institute of Atmospheric Physics](#)) in several projects funded by the Grant Agency of the Czech Republic: in the years 2000-2002 project *Severe Convective Phenomena in the Territory of the Czech Republic*, in 2004-2006 project *Identification and Prediction of Supercell and Mesoscale Convective Systems within the Czech Republic*, and in 2007-2011 project *Exploitation of Remote Sensing Means for Modeling and Monitoring of Convective Storms*.

Since 1992/93 he has been giving classes on *Satellite and Radar Observations of Meteorological Phenomena* ([NMET020](#) and [NMET073](#)) at the [Department of Atmospheric Physics](#) (formerly known as Department of Meteorology and Environment Protection) of the MFF UK. Besides that, he acts as a supervisor or consultant to bachelor, master and PhD students at this faculty. Presently he is a member of the following Faculty bodies: since 1995 member of the Examination board K 10 (branch F8 – Meteorology and climatology) for PhD. dissertations at MFF UK; since 2000 member of the Board for the state final exams - Magister's study program: Physics; branch: Meteorology and Climatology; and since 2000 member of the Board for postdoc studies; branch F8 – Meteorology and Climatology.

He was the principal organizer of the *2002 European Conference on Severe Storms* (ECSS2002, 26-30 August 2002, Průhonice, Czech Republic) and the main local co-organizer of the *2004 EUMETSAT Meteorological Satellite Conference* (31 May - 4 June 2004, Prague, Czech Republic). Also, he initiated several international workshops, co-organized together with EUMETSAT in the Czech Republic (2002 Průhonice, 2005 Mikulov, 2010, 2012 and 2015 Praha). Several times he acted as a member of scientific program committees of EUMETSAT conferences and [European Conferences on Severe Storms](#). Also, he has participated as an invited lecturer at various international training workshops and courses, organized by EUMETSAT: 2001 - Bratislava and Krakow, 2003 - Kiev, 2004 - Vilnius and León, 2005 - Cairo and Mikulov (Czech Rep.), 2006 - Viničné (Slovakia) and Sofia, 2007 - Athens, Trieste and Budapest, 2008 - Tallinn, 2009 - Kiev, 2010 - Alanya (Turkey), Sibiu (Romania) and Pretoria, 2012 - Pretoria and Istanbul, 2013 - Pretoria, 2014 – Muscat (Oman) and Thessaloniki (Greece).

He is a member of the Czech Meteorological Society, and an individual member of the [European Severe Storms Laboratory](#). Since January 2013 is a member of the editorial board of *Meteorologické Zprávy* journal (in Czech).

*Personal website:* <http://www.setvak.cz/setvak-eng.html>