

# EM People

## I 简介 Prof.ZEMAN

Svatopluk ZEMAN, born in 1942, a head of the Institute of Energetic Materials (from 1994) of the Faculty of Chemical Technology at the University of Pardubice, received a M.Sc. in Organic Technology-Technology of Explosives from the University of Pardubice in 1966. After compulsory military service (1966-1967) he returned at University of Pardubice as its PhD student in organic technology-technology of explosives. Due to political affairs in Czechoslovakia in and after 1968 he had to leave University in 1969 and gone to work in the Slovak enterprise CHEMKO Strážske as a research worker. From that time is known his activities in the area of chemistry and technology of *N*-nitroso- and *N*-nitro-amines (see in Chemical Abstracts). From 1980 he began to study of initiation reactivity of organic polynitro and polynitroso compounds. He could defend his PhD Thesis at University of Pardubice after as much as political transformation in 1990. After 1990 he was engaged in establishment of the joint venture Chemko-Dyno A.B. for production of W/O emulsions. In 1992 he has defended his

Assoc. Prof. Thesis at University of Pardubice. After disintegration of Czechoslovakia he has returned in February 1993 at University of Pardubice as the Associated Professor. In 1998 he has defended D.Sc. Thesis at Prague's Institute of Chemical Technology and in 2000 was appointed full Professor of Organic Technology – Technology of Explosives. He has coauthored about 350 different papers cited in Chemical Abstracts, from them about 100 of original scientific papers and 70 of contributions to conferences. According to the ISI Web of Knowledge his h-factor is 18. Area of its nowadays scientific activity is initiation reactivity of energetic materials.

He is a member of editorial boards of Chinese Journal of Energetic Materials, Journal of Hazardous Materials and Central European Journal of Energetic Materials, and also a member of American Chemical Society, Slovak Society for Blasting and Drilling and International Society of Explosives Engineers.



Lectures of Prof. Zeman at Nanjing Univ., Oct. 2006.



from left – Dr. Adam Cumming (DSTL Foprt Halstead), Prof. Michel Lefebvre (Royal Military Acad., Brussels) and Prof. Zeman at the time of 14th Seminar NTREM, April 2011.



Prof. Alon Gany, Head of The Rocket Propulsion Laboratory at the Technion (Israel Institute of Technology), Haifa, Oct. 2010.



Prof. Zeman and vice-dean of Faculty of Chemical Technology, Univ. Pardubice, Prof. Karel Venture, at the time of ending of academic year 2010/2011 (celebration in the shooting area of Institute of Energetic Materials)



Prof. Zeman and Mr. Philip Kneisl (Secretary of Int. Pyrotech. Society and Senior Chemical Engineer of Schlumberger Reservoir Completions) firm Schlumberger, Rosharon, Texas, Aug. 2006.



Warsaw University of Technology, Faculty of Chemistry, Dept. of High Energy Materials, Sept. 2010, from left a Head of the Dept., Prof. Andrzej Ksiazczak, Prof. Zeman, Dr. Tereza Ksiazczak, Lt-Col. of Egyptian Army, Ahmed Elbeih (PhD student at Univ. of Pardubice).