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Honorary note: Kazimierz Małysa

Professor Kazimierz (Kazek) Małysa was born in summer 1946 in the small Polish village Radziszów, located about 25 kilometers from Kraków. In 1964 – 1969 he studied chemistry at the Jagiellonian University, Department of Mathematics, Physics and Chemistry. After he graduated he became Laboratory Engineer (1969-1971) at the Research Laboratories of Catalysis and Surface Chemistry, Polish Academy of Sciences in Kraków and a PhD student (1971 – 1974) at the Institute of Physical Chemistry in Warsaw, where he got his PhD in 1978. In 1975 – 1994 he was employee of the Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, first as a Senior Assistant Scientist and later as Associate Scientist. In 1983 he went to Canada, where he spent 3 years at McGill University as a visiting scientist. Professor Małysa received his habilitation (DSc) in 1993 from the Department of Chemistry Jagiellonian University, and, as Associate professor (1994 – 2002) and a team leader in the Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, became a full professor in 2002. Meanwhile from 1987 to 1993 he was the Deputy Director of the Institute and a visiting professor at the University of Alberta (1996-1997). During entire scientific career Professor Małysa collaborated with well-recognized and prominent international partners, frequently visiting their laboratories (Institute of Physical Chemistry, Bulgarian Academy of Sciences, Max Planck Institute of Colloids and Interfaces, Metz University, University of South Australia). Kazimierz's scientific career substantially benefited from his collaboration with Professor Andrzej Pomianowski (his PhD supervisor). Kazimierz has been a strong believer that 'it is better to collaborate than to compete' and he has managed to build a quite impressive collaborative network including many Polish and international scientist including K. Lunkenheimer, R. Miller, T. Dabros, J. Czarnecki, A. Scheludko, D. Exerowa, D. Platikanov, K Khristov, E. Mileva, R. Todorov, E.V. Aksenenko, S.S. Dukhin, V.I. Kovalchuk, L. Liggieri, F. Ravera, V.M. Starov, J. Haber, M. Rogalski, M. Krasowska, J. Zawala, D. Kosior, P. Warszynski, Z. Adamczyk, J. Drzymala. Due to Kazek's strong work ethics, his critical thinking and the ability to discuss the differences in a friendly, constructive and balanced manner all these people (sooner or later) became Kazek's close friends.

He is a co-author of over 130 peer-reviewed papers and almost 200 international conference contributions. During his career, he was Member of Council of International Association of Colloid and Interface Scientists (1996 - 2000), Member of Standing Committee of European Chemistry at Interfaces Conferences (1990 – 2003), Member of Polish Chemical Society, American Chemical Society, Member of Advisory Boards of various international and domestic conferences, leader and coordinator of the Polish Scientific Network SURUZ (Surfactants and Dispersed Systems in Theory and Practise), leader and participant of more than 20 Polish and European research grants as well as reviewer and member of scientific board of international journals.

In 2016 Professor Kazimierz Małysa celebrated his 70th birthday. He is a prominent scientist who has made significant contributions to: the description of surface chemistry and stability of dispersed

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systems; motion of bubbles, drops and particles; foam stability; mechanism of foam decay; stability of foam and wetting films under dynamic conditions; surface elasticity forces and kinetics of adsorption; fundamentals of flotation and hydrodynamic interactions near interfaces. He is a great scientist, a marvelous man, a demanding and fair boss and mentor (the best one can imagine), has a positive attitude, is optimistic and popular, and is respected and recognized in the scientific community. May the words of his great friend, Professor Klaus Lunkenheimer from Max Planck Institute of Colloids and Interfaces, be the best summary.

It is a great honour for me to write the foreword for a scientific volume dedicated to Prof. dr. Kazimierz Malysa's retirement.

Almost fifty years ago Prof. Dotchi Exerowa of the Bulgarian Academy of Sciences in Sofia, who, unfortunately, has recently deceased, introduced me to the Polish PhD student Kazimierz Malysa of the Institute of the Polish Academy of Science in Cracow. This student was interesting to meet me because I had just developed the oscillating bubble method for the determination of surface elasticity. Kazimierz has been keen on cooperation as he has also been engaged in foam stability research. Surface elasticity was favoured by the scientific community because it proposed this parameter as the main one instigating foam stability. This was Kazik's particular interest.

I was astonished he could pronounce the rather complicate term surface dilatational elasticity modulus correctly but furthermore, he could explain what it means and was able to derive its formula. This date has been the beginning of our fruitful cooperation accompanied by a close and warm friendship between us. Nevertheless, Kazik likes to tease me at every suitable occasion on those days' "failure" of having examined the shy guest from outside so hard.

During our subsequent cooperation, we have performed various projects on foam properties, dynamic adsorption behaviour, surfactant structure and purity and some other related problems. In addition, we have been successful in developing new approaches to characterize foamability. Doing so, we repeatedly visited our working places in Cracow and Berlin, respectively. We have attended quite a lot of scientific conferences around the globe with numerous joint lectures. Our common results have been published in about twenty papers. The concerted endeavor reached its climax in the European Patent Nor. 1 416 261 B1 entitled "Method and Procedure for Swift Characterization of Foam Ability and Foam Stability" in 2002, by means of which a novel method has been put forward which, for the first time is based upon novel foam parameters on physically well-defined boundary conditions. Thus, it has also been applied by the leading market enterprise for some years.

These are only some of Kazimierz' scientific subjects related to my own work. Of course, there are many more of them which will be addressed in the contributions of this special volume. However, being some years elder than Kazik and looking back I came to the conclusion that there is above all the utmost merit of his work, which, at a first glance, may appear as a kind of "byproduct". He not only initiated our fruitful cooperation over the years, but he created an incomparable kind and modest individual atmosphere that soon has led to a close, long life friendship. Believers' intellect and heart found together. Thus, I also have benefited from Kazik's advice and wisdom in personal affairs from time to time. Due to our mutual relationship I personally have got step by step true relations to my Polish colleagues in Cracow and Wroclaw. I have not felt a stranger amongst them for a long time.

Dear Kazimierz, may you enjoy the time period of your retirement. Hopefully we may meet from time to time again up to the end of our life. And, eventually, may we arrive at the last common paper on foam, the idea on which flashes through my mind. The Editor will reserve a few empty pages of this volume for accomplishment.

With best wishes to you and your family.

Klaus Lunkenheimer

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