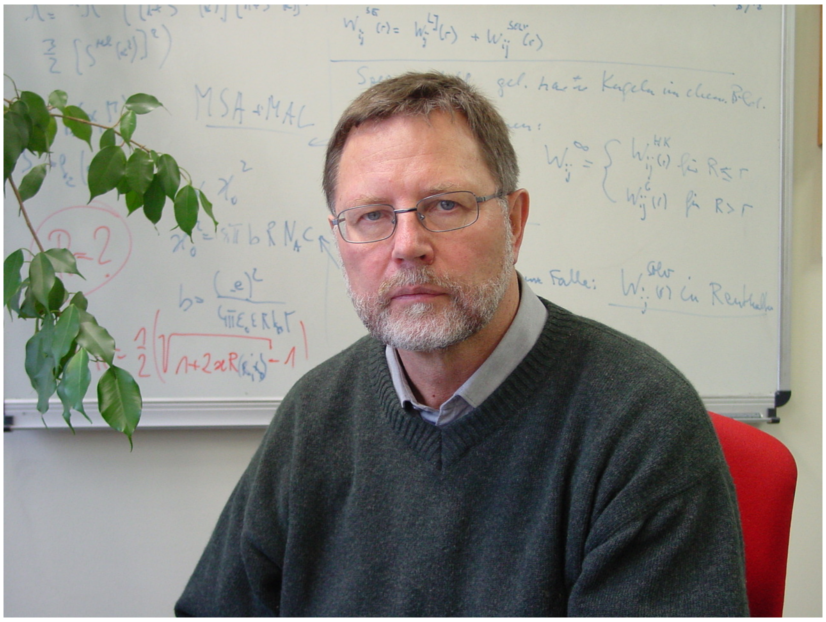

The 60th anniversary of Hartmut Krienke

Hartmut Krienke was born on July, 28, 1943 at Heilsberg in Ostpreussen. After the Second World War he lived in Rostock till 1992. Here he finished Secondary school, “Abitur” and University. Having graduated from the Physics Department of the Rostock University in 1966 he began his scientific work in the statistical mechanical theory of ionic fluids with the applications to the electrolyte solutions. The results of his studies were summarized in his doctoral thesis with promotion in Theoretical Physics in Rostock University in 1972 under the supervision of Prof. Dr. G.Kelbg. After this he continued his scientific work at the Physical Department of the Rostock University in the field of statistical mechanical theory of liquids and solutions combining the scientific work with teaching for students of physics, mathematics and other disciplines. The results of the scientific research of H.Krienke were summarized in his second doctoral thesis with habilitation and promotion in Theoretical Physics in Rostock University in 1987.

From 1976 till 1990 H.Krienke was member and Scientific Secretary of the “Council for Research on Liquids” of the German Democratic Republic. This Council organized four international meetings. A great many scientists from the world, in particular from East Europe and former Soviet Union, have had nice reminiscences from these meetings which were every time very successful thanks to the organizational work and kindness of Hartmut.

However, the possibilities for scientific and pedagogical carrier for H.Krienke in DDR were limited. He could not accept the ideas of the regime in DDR and probably due to this he had problems with the publications in international journals. He could not visit the western countries. He could participate in the conferences only in the countries of socialistic regime. New possibilities appeared after unification of Germany. In 1990–1991 he was invited by Prof. Dr. J.Barthel as guest professor to the Institute for Physical and Theoretical Chemistry at the Regensburg University. In 1991–1992 he works in the Ministry of Culture and Science of the Country Mecklenburg. From 1992 till this time he works as University Professor for Physical Chemistry at the University of Regensburg at the Faculty of Natural Sciences. At the same time, he is the leader of a Workgroup "Theory of Liquids and Solutions" at the Institute for Physical and Theoretical Chemistry of the University of Regensburg.

At present he investigates structural, thermodynamic and transport properties of polar liquids and ionic solutions starting from realistic models. In such models the anisotropic geometry of molecules and ions (sizes, bond-lengths and -angles) is taken into account, as well as the distribution of multipole moments or partial charges and polarizability of the molecules. He considers different solvents such as acetonitrile, acetone, dioxane, chloroform, tetrahydrofuran, methylene chloride, formamide, dimethylformamide, N-methylformamide, methanol, water and mixture of theses solvents. His activities are also connected with the development of algorithms for the solution of the molecular Ornstein-Zernike integral equations and computer simulation methods for the investigation of such systems. He also uses different techniques for the treatment of solvation and association in electrolyte solutions. He work nowadays in close contact with experimentalists. He has published a lot papers in international journals. He is coauthor, together with J.Barthel and W.Kunz, of an excellent book "Physical Chemistry of Electrolyte Solutions: Modern Aspects" (Springer Verlag, 1998). He is also coauthor of a chapter in the collective monograph in IUPAC volume on "Equations of state for fluids and fluid mixtures" (Elsevier, 2000). He was a supervisor of six successful dissertations. H.Krienke is member of the editorial board of the journal "Condensed Matter Physics" and "Journal of Molecular Liquids". In 2002 he was awarded the "Verdienstkreuz am Bande des Verdienstordens der Bundesrepublik Deutschland".

H.Krienke grants significant attention to the Ukrainian-German scientific collaboration. The permanent and fruitful collaboration of H.Krienke with Ukrainian scientists has been going on since 1966–1997. After H.Krienke had graduated from Rostock University he stayed at the faculty of Physics of the Ivan Franko University in Lviv for additional studies with Prof. Dr. I.R.Yukhnovsky as supervisor.

H.Krienke is a very intelligent and attractive personality. He loves music, arts, literature. He is also a very devoted family man, committed to his wife, daughters and grandchildren. Everybody who contacts him has nice reminiscences of these pleasant meetings.

The Editorial Board of "Condensed Matter Physics" congratulates our good friend and member of the Editorial Board on the occasion of his anniversary and wish him to stay in good health, happiness and to be successful in his scientific activities.