

Dr. rer. nat. Eckhard Ströfer

Curriculum vitae:

1971 – 1976 Study of Physical Chemistry at the Universities of Heidelberg, Göttingen and the Illinois Institute of Technology / Chicago

1981 Ph.D. thesis on „Electrically charged soot particles in flames“

1981 married to Hai-Yen Hua

1982 Industry: Chemical engineering on synthesis of vitamins etc

1986 Plant manager of a multipurpose production & pilot plant

- Continuous and semibatch processes for organic intermediates, vitamins, flavours, pharmaceuticals
- Occupational safety systems and plant safety
- Cost controlling & responsibility for 120 employees

1991 Manager of environment & safety

- Environmental assessment studies & management systems
- Permitting and management of governmental institutions
- Technologies of production integrated pollution control
- Representative of chemical industry at institutions of the EC

1994 Head of research group „Isocyanates, Inorganics & Petrochemicals“

- International project management
- Research cooperations Europe, USA, Asia
- Management of invention, innovation and patenting
- Presentations at int. level at universities and in industry
- Scale up of processes for isocyanates, organic intermediates, inorganics, integrated sites

2005 – 2011

Head of research group „Isocyanates & Methanol value added chain“

1994 – 2011 Technical evaluations, benchmark studies and expertises to the board of directors

Achievements:

Invention, innovation, erection and scaling of production plants:

- Hydroxylamine free base / Germany
- Methanediiphenyldiisocyanate MDI value added chain
Belgium 580 kta, Korea 200 kta, USA 200 kta
- Toluylenediisocyanate TDI value added chain
Germany 80 kta, USA 160 kta, LP-TDI Korea 160 kta,
LP-TDI China 160 kta
- Deacon, Hexandiol, MSA, HDI

Development of a new process for trioxane and large scale production of diesel component POMDME / OME (mixture of 2,4,6,8 Tetra- & 2,4,6,8,10 Pentaoxaundecane) from synthetic gas.

Support to my wife in technical aspects of restoration of antique artwork on paper and silk, like the great Taima Mandala, the Mappede Monde Nouvelle Papistique & the Coronelli globes

Publications & honours:

Holder of more than 150 patent families in the field of isocyanates, inorganics and formaldehyde derived products, which are applied in real life production (-> Lists of patents & publications)

Innovation prizes of industry in 1999 and 2005 on behalf of the achievements in the field of isocyanates

Medal of the German civil service for performance in the great rescue operation after the Armenian earthquake 1988

Member of the board of editors of „The Restaurator“ till 2004