

# Biographical Data

Professor Dr. Dr. h. c. Hubert Schmidbaur  
Emeritus  
Department Chemie  
Technische Universität München  
Lichtenbergstrasse 4  
D-85747 Garching, Germany

Professor Hubert Schmidbaur, Dr. rer. nat., Dr. h. c., Emeritus  
Department Chemie, Chair of Inorganic and Analytical Chemistry  
Head, Inorganic Chemistry Institute  
Technical University of Munich

Born December 31st, 1934, in Landsberg, Bavaria  
German citizen

## Professional Data

University of Munich 1953-1960: Chemistry, Dr. rer. nat. 1960,  
University of Marburg 1960-1965: Assistant Professor, Lecturer, Habilitation,  
University of Würzburg 1965-1973: Professor of Inorganic Chemistry,  
Technical University of Munich 1973-present:  
Professor of Inorganic and Analytical Chemistry,  
Chair and Co-chair, Inorganic Chemistry Institute, 1973-2003  
Dean of Sciences 1977-1979,  
Member of the Academic Senate 1977-1979,  
Member of the University Budget Committee 1991-1998,  
Emeritus, 2003.

## Visiting Professor

at University of Edinburgh, UK 1970,  
at University of Kyoto, Japan, 1978 (JSPS, 1978),  
at University of Melbourne, Australia, 1986,  
at Texas A&M University, USA, 1989,  
at University of Hiroshima, Japan (JSPS, 1993),  
at University of Western Ontario, Canada, 1993,  
at University of Auckland, New Zealand, 1994,  
Visiting Fellow at The Australian National University, Canberra, 2004,  
Associate Professor at The University of Stellenbosch, South Africa, 2003-2006.  
Visiting Professor at National University of Singapore, 2008,  
Adjunct Professor, Chemistry Department, King Abdulaziz University, Jeddah, Saudi-Arabia, 2012-2014.

## Awards and Honours

Chemistry Prize, Verband der Chemischen Industrie, 1965,  
F. S. Kipping Award, American Chemical Society, 1974,  
Alfred Stock Medal, German Chemical Society, 1982,  
G. W. Leibniz Award, German Science Foundation, 1986,  
Dwyer Memorial Medal, Univ. New South Wales, Sydney, 1986,  
J. C. Bailar Medal, University of Illinois, 1987,  
Cross of Merit, First Class, Federal Republic of Germany, 1991,  
Ludwig Mond Medal, Royal Society of Chemistry, London 1994,

Wacker Silikon-Preis, German Chemical Society, 1996,  
Bonner Chemiepreis, Pinguin Foundation, 1998,  
Bayerischer Maximiliansorden für Wissenschaft und Kunst, 2010.  
Blaise Pascal Award, European Academy of Sciences, 2013

### **Academy Memberships**

Göttingen Academy of Sciences, 1988,  
Leopoldina, Deutsche Akademie der Wissenschaften, Halle/Berlin 1990,  
Societas Scientiarum Fennica, Helsinki, 1991,  
Gesellschaft Deutscher Naturforscher und Ärzte, 1992,  
Bavarian Academy of Sciences, Munich 1993.  
akatech, Deutsche Akademie der Technikwissenschaften, Munich/Berlin 2002  
European Academy of Sciences, Brussels, 2013

### **Endowed Lectureships**

Japanese Society for the Promotion of Science Fellow, 1978,  
A. D. Little Lectureship, MIT, Cambridge, Mass., 1980,  
Centenary Lectureship, Royal Society of Chemistry, London, 1984,  
Pacific West Coast Inorganic Lectureship, US and Canada, 1986,  
Willsmore Lectureship, University of Melbourne, 1986,  
Visiting Lecturer Medal, University of Helsinki, 1987,  
3M Lectureship, University of Western Ontario, London, Ontario, Canada, 1992/3,  
Japanese Society for the Promotion of Science Fellow, 1993,  
University of Auckland Foundation, 1994,  
Centenary Lectureship, Royal Society of Chemistry, London, 1991,  
Ludwig Mond Lecture, Royal Society of Chemistry, London, 1995,  
Egon Wiberg Lectureship, University of Munich, 1997,  
Coover Lecture, Iowa State University, Ames, Iowa, 1997,  
Seaborg Lectures, University of California, Berkeley, 1997,  
Birch Lecture, Australian National University, Research School of Chemistry, Canberra, 1999,  
Gordon Stone Lecture, University of Bristol, Bristol, 2000,  
Watt Centennial Lecture, University of Texas at Austin, 2003.  
David Thompson Lecture, Gold 2015, Cardiff, UK.

### **Board and Committee Memberships**

German Science Foundation: Chairman, Board of Referees, Chemistry Section, 1979-1987, and Member of the Senate, 1988-1991,  
Kuratorium "Research Funds of Chemical Industry": Inorganic Chemistry, Frankfurt, 1983-1989,  
Deutsche Gesellschaft der Naturforscher und Ärzte: Chairman, Chemistry Section, 1992 - 1994,  
University and Academy Evaluation Committee, Czech Academy of Sciences, Prague, 1995,  
University Evaluation Committee, State of Lower Saxonia, Hannover, 1997,  
University Evaluation Committee, State of North-Rhine Westfalia, Düsseldorf, 1998,  
Scientific Advisory Board, State of Lower Saxonia, Hannover, 1997 - 2003,  
GDCh-Committee: Alfred Stock and Wilhelm Klemm Award, 1995-1999,  
GDCh-Committee: Arvedson-Schlenck Award, 1992 - 2000,  
DFG-Committee: Leibniz Award, 1995 – 2003,  
Verla-Pharm Committee: Magnesium Award, 1992 - 2000,  
Scientific Advisory Board, State of Lower Saxonia, Hannover, 1997 - 2003,

## **Consultant**

Expert witness (Sachverständiger) serving in the following courts:  
Landgerichte Aschaffenburg, Bamberg, Düsseldorf, Koblenz, Mainz, München,  
Europäisches Patentgericht, Deutsches Patentgericht.

Consultant to European patent and trademark attorneys,  
Consultant to national and international chemical industry and research institutions.

## **Chairman or Member of the Editorial Board (past or present) of the Journals**

Angewandte Chemie, Weinheim,  
Organometallics, Washington,  
Inorganic Chemistry, Washington,  
J. Chem. Soc., Dalton Transactions, Cambridge,  
Zeitschrift für Naturforschung, Tübingen,  
Monatshefte für Chemie, Vienna,  
J. Coordination Chemistry B, New York,  
Synth. React. Inorg. Metalorg. Chem., New York,  
Heteroatom Chemistry, New York,  
Phosphorus, Sulfur and Silicon, New York,  
European Journal of Solid State and Inorganic Chemistry, Paris,  
Bulletin de la Société de Chimie de France, Paris,  
Inorganica Chimica Acta, Lausanne,  
The Arabian Journal for Science and Engineering, Dhahran,  
Main Group Metal Chemistry, Tel Aviv/London,  
Research Trends, Trivandrum, Indien.

## **Memberships, Professional Societies**

German Chemical Society,  
Swiss Chemical Society,  
Royal Society of Chemistry, London,  
Deutsche Gesellschaft der Naturforscher und Ärzte, Frankfurt,  
ADUC, Frankfurt.

## **Congresses**

Chairman of the International Conference 'Gold: Progress in Science and Technology', Hanau, Germany, 1996 (250 participants),  
Chairman of the 'XVIII. International Conference on Organometallic Chemistry', Munich, Germany, 1998 (1000 participants).

## **Publications**

(Co-)Author of ca. 850 research papers, review articles and books. According to Institute of Scientific Information (Philadelphia) one of the five most-cited German chemistry authors (1968-1980 and 1980-1997).  
Current number of citations: ca. 25.000, current H-factor: 70