

***Aspects of Surface Chirality:
From Sergeants-and-Soldiers to
Unidirectional Movement***

Prof. Karl-Heinz Ernst

**Empa – Swiss Federal Laboratories for Materials Science
and Technology (Switzerland)**

Friday 28th February, 2014. ICIQ Auditorium, 12 p.m.

Professional career



Present (since 1992): Senior Scientist at Empa, Swiss Federal Laboratories for Materials Science and Technology, Dübendorf, Switzerland. Since 1998 head of Surface Technology Group (*now Molecular Surface Science Group*)

2012: Visiting scientist at IBM Almaden, San Jose, California, USA

Since 2010: Professor, Department of Chemistry, University of Zurich

7/2009: Visiting Scientist Chinese Academy of Sciences, Institute of Physics

2007: Habilitation at University Zurich, Degree: Private Docent (PD)

9/2003 – 8/2004: On sabbatical leave to University of Washington, Seattle, USA

8/1999 – 5/2000: On sabbatical leave to UC Berkeley, California, USA

1992: Visiting Scientist at the Freie Universität Berlin

1990 – 1991: Post-Doctorate at the University of Washington, Seattle, USA

1986 – 1990: Graduate Study at the Inst.f.Physical Chemistry, Freie Universität Berlin

Awards

2003 EMPA Research Prize

1992 Habilitation Fellowship of the German National Science Foundation

1990-1991 Postdoctoral Fellowship of the German National Science Foundation