



PERSONAL DATA

Telephone	+86 139-12779016
E-mail	mhr1@suda.edu.cn / m.ruemmeli@ifw-dresden.de
Citizenship	Swiss/British
Family Status	Married, one child
Date and place of birth	October 16 th 1967, Blantyre, Malawi
Core Interests:	<i>Understanding the formation mechanisms of low dimensional structures and their functionalization for bespoke materials desing. Exploiting the potential of said nanomaterials in renewable enery systems and bio-medical applications.</i>

EXPERIENCE

Total number of articles	304 (excluding conference proceedings) 20 (proceedings/abstracts)
Total citations and h-index	Total citations - 9007, h-index – 49, i10-index – 196 (Google Scholar)
2015 to present	Full Professor, School of Energy, Soochow University & Head of the characterisation center, Soochow Institute for Energy Materials Innovasions (SIEMES), Suzhou, Jiangsu Province, China.
2003 to present	Marie Curie & DFG Fellow/Group Leader/Guest Professor ”Molecular Nanostructures”, Leibniz Institute for Solid State and Materials Research, IFW, Dresden, Germany.
2014 to present	Full Professor of the Polish Academy of Sciences, <i>Center of Polymer and Carbon Materials, Zabrze, Poland</i>
2014 to present	Guest Professor, Wuhan University, China
2013 to 2015	Professor & Group Leader of the Structural Analysis Group, Center for Integrated Nanostructure Physics (IBS), & Department of Energy Sciences, Sungkyunkwan University, Suwon, S. Korea
2001 to 2002	Crew-member, Sailing Yacht Sensation – Mediterranean & Trans-Atlantic crossing

- 1999 to 2001 **Post-Doctoral TMR Fellow**, *Institute of Space Sensor Technology and Planetary Exploration, DLR, German Aerospace Centre, Berlin, Germany*
- 1999 **Computer Engineer**, *Computer Services, Antigua, West Indies*
- 1998 to 1999 **Consultant of Learning Systems**, *St. John's University, School of Medicine, Montserrat, West Indies (Now: The College of Medicine, St. Lucia)*
- 1998 **Educational Multimedia Consultant, Translator and Developer**, *Interactive Technology Group, Eugene, Oregon, U.S.A.*
- 1997 to 1998 **Associate Director of Academic and Students Affairs**, *The University of Health Sciences, Antigua*
- 1991 to 1994 **Lecturer in B.Sc. and BTEC Sciences**, *The University of North London, London, England*
- 1986 to 1987 **Assistant Manager**, *Access Cars, Sussex, England*

HIGHER EDUCATION AND QUALIFICATIONS

- 2016 **Full Habilitation rights**, *Polish Academy of Sciences, PL*
- 2015 **D.Sc. Honoris Causa**, *London Metropolitan University, UK*
- 2004 **Chartered Scientist**, *Institute of Physics, London, UK*
- 2003 **Registered European Physicist**, *European Physical Society, The Netherlands*
- 2002 **Chartered Physicist**, *Institute of Physics, London, UK*
- 1991 to 1996 **Ph.D. in Plasma Physics and Analytical Atomic Spectroscopy**, *The University of North London, London, UK*
- 1994 **Certificate in Data Communication Systems**, *The University of North London, London, UK*
- 1993 **Post-Graduate School "Scientists in Industry and Commerce"**, *Durham University, Durham UK*
- 1988 to 1991 **B.Sc. 1st. class honors in Physics and Computer Electronics**, *The Polytechnic of North London, London, UK*

Prof. Mark H. Rummeli - Biography

Following the completion of his PhD at London Metropolitan University, Professor Mark H Rummeli spent several years working in the United States and the West Indies developing e-learning platforms for healthcare education. Subsequent to this he joined the Stratospheric Observatory for Infrared Astronomy (SOFIA) a joint research collaboration between the German Space Agency (DLR) and the National Aeronautics and Space Administration (NASA). He later joined the Leibniz Institute for Solid State and Materials Science, Dresden, in Germany, where he was responsible for founding the Molecular Nanostructures Group which he still oversees at present as a guest professor. He also obtained funding for a double corrected Cs aberration transmission electron microscope through the Saxony development bank. He then worked in the Republic of South Korea as a professor in the Department of Energy Science at Sungkyunkwan University. While in the aforementioned role, he was concurrently appointed as the founder of the Structural Analysis Group within the Korean Institute of Basic Science where he was responsible for the design and establishment of the electron microscopy facilities (two aberration corrected transmission electron microscopes, a scanning electron microscope and a dual beam scanning electron / focussed ion beam microscope).

He currently works as a full professor at the College of Energy & at the Soochow Institute for Energy & Materials InnovationS (SIEMIS), at Soochow University, in China. He currently also heads the joint characterization facility where he is responsible for the management (and purchase) of various state of the art characterisation tools including electron microscopes, various high-end spectrometers, diffratometers etc. At SIEMIS he runs a research group which will utilize state of the art aberration corrected transmission electron microscopy for the investigation of novel nano-materials and their structures. The research group also looks at understanding the synthesis of nano-materials with emphasis on 2D van der Waals layered materials and their hetero-structures (both stacked and lateral stiched). In addition, these nano materials are explored for their potential in ion insertion batteries.

Prof. Mark H Rummeli as well founded and heads a nano-sensor laboratory at the Polish Academy of Sciences (CMPW – Zabrze). His group works closely with Prof. Bachmatiuk who work heavily on 2D materials synthesis and electron microscopy of 2D materials. He is a full professor of the Polish Academy of Science and has full habilitation rights. He is appointed as a guest-professor at Wuhan University, China. He collaborates globally with many outstanding research universities and institutes such as: Peking University, the University of Oxford, NASA Ames Research Laboratories, Wuhan University, Cornell University, Samsung Advanced Institute of Technology (SAIT) among others. To date, Professor Mark H. Rummeli has published over 300 scientific papers with many appearing in leading journals such as Science and Nature Nanotechnology.

Prof. Rummeli's areas of interest are the synthesis of nano-materials (mainly 2D materials), nano-bio studies, nano-materials in ion insertion batteries and finally electron beam materials science. A common aspect of much of the work is to explore ways to correlate structure – property relationships, for example, 2D nanostructures with respect to their electrical properties or biological cell response with respect to nanomaterial type, size and morphology.