

Curriculum Vitae

Personal Information

Name:張石麟 Shih-Lin Chang

Academician, Sinica Academia

Tel: 886-3-578-3825

Email: slchang@phys.nthu.edu.tw;slchang@nsrrc.org.tw

Website: <http://www.nsrrc.org.tw/>



Education

1975	Ph.D.	Ph.D. in Physics, Polytechnic Institute of Brooklyn, USA
1971	M.S.	M.S. in Physics, Clemson University, USA
1968	B.S.	B.S. in Electrophysics, National Chiao Tung Univ., Taiwan

Positions Held

1986-Present (NTHU)	Professor (1986 -2011), Chairman, Dept. of Physics (1987-90); Dean of R. & D. (1998-2004); Dean, College of Science (2004-07), Senior Vice President (2006-2010), Honorary Chair Professor (2012-Present), National Tsing Hua University (NTHU)
1986-Present (NSRRC)	Deputy Head (1986-90), Head (1991-95), Users Division, Deputy Director (1995-96), Director (2010-14), Distinguished Scientist (2014-present), National Synchrotron Radiation Research Center (NSRRC)
1987-1995 (NSC)	Director, Physics Research Promotion Center (1987-90), Director General, Department of Natural Sciences (1993-95), National Science Council (NSC)
1975-1985 (Brazil)	Assist. Prof., Assoc. Prof., Professor (1975-85), State University of Campinas, Sao Paulo, Brazil
2008-present	Member, Commission on Synchrotron Radiation, International Union of Crystallography (IUCr) (2008)

-present)

2005	Chairman, The Crystallographic Committee (2005-2010)
1999	Councilor (1999 -2010), Secretary/Treasurer (1999-2002), Asian Crystallographic Association
<hr/>	
1992	President, Physical Society of R.O.C. (1992),
1991-1995	Member, Commission on Structure and Dynamics of Condensed Matter, IUPAP (1991-95)

Honors and Awards

2011	Elected Member of The World Academy of Sciences (TWAS) (2011)
2010	Academician, Academia Sinica (2010)
2003	Elected Member, Asian Pacific Academy of Materials Science (2003)
2009	B. E. Warren Diffraction Physics Award, American Crystallographic Association
1999	National Chair Professorship in Mathematics and Natural Sciences Ministry of Education, Taiwan, (1999-2005)
2010	Ho Chin-Duei Outstanding Honorary Award (Basic Science) (2010)
2007	Fellow, American Physical Society (2007)
2006	Chair, Foundation for the Advancement of Outstanding Scholarship (2006-2010)
2005	Tung Yuan Award for Science & Technology
2000	Senior Distinguished Research Fellow, National Science Council (2002-2008)
1997	Academic Award in Mathematics and Natural Sciences, Ministry of Education, Taiwan, R.O.C.
1993	Fellow, Physical Society of R.O.C. (1993)
1993	Sun Yet San Academic Award (1993)
1986	Outstanding Research Award in Physics, National Science Council (1986-1994)

Research Interests

Condense Matter Physics and Crystallography, Synchrotron research and applications

Publications

Books:

S.-L.Chang, *Multiple Diffraction of X-rays in Crystals*, series in Solid-State Science, Vol. 50, Springer-Verlag, Berlin-Heidelberg-New York-Tokyo (1984), 300 pages; Russian translation, MIR Publishers, Moscow(1988).

S.-L.Chang, *X-ray Multiple-wave Diffraction: Theory and Application*, series in Solid-State Science, Vol. 143, Springer-Verlag, Berlin-Heidelberg-New York-Tokyo (2004), 431 pages.

Refereed papers: 170

Int'l conference papers: 160