

## Professor Chi Lifeng

Macao Institute of materials science and engineering

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### Academic Qualification:

- Ph.D. in Physical Chemistry, Goettingen University, Germany, 1989
- M.S. in Physical Chemistry, Jilin University, China, 1985
- B.S. in Physics, Jilin University, China, 1982

### Teaching Area

- Physical Chemistry

### Research Area

Organic thin films, Self-assembly on surface, Surface patterning

- On-surface Chemistry
- Organic thin films and Surface patterning
- Scanning Probe Microscopy

### Working Experience

- 2021 – Professor, Macau University of Science and Technology, Macau, China
- 2012 – Professor, Soochow University
- 2004-2014 Professor, Muenster University, Germany
- 1993-2003 Group leader/Docent, Muenster University, Germany
- 1990-1993 Post-Doc., Mainz University/BASF, Germany

### Academic Publication (5 selected)

- Qigang Zhong; Xuechao Li; Haiming Zhang; **Lifeng Chi\***, “Noncontact atomic force microscopy: Bond imaging and beyond”, *Surface Science Reports*, 75 (2020).
- Qigang Zhong, Yunbin Hu, Kaifeng Niu, Haiming Zhang, Biao Yang, Daniel Ebeling, Jalmar Tschakert, Tao Cheng, André Schirmeisen, Akimitsu Narita,\* Klaus Müllen,\* **Lifeng Chi\***, “Benzo-Fused Periacenes or Double Helicenes? Different Cyclodehydrogenation Pathways on Surface and in Solution”, *J. Am. Chem. Soc.* 141, 7399 (2019)
- Qigang Zhong, Daniel Ebeling, Jalmar Tschakert, Yixuan Gao, Deliang Bao, Shixuan Du, Chen Li, Lifeng Chi & André Schirmeisen, “Symmetry breakdown of 4,4"-diamino-p-terphenyl on a Cu(111) surface by lattice mismatch”, *Nat. Commun.*, 9, 3277 (2018)
- Dingyong Zhong, Jörn-Holger Franke, Santhosh Kumar Podiyanachari, Tobias Blömker, Haiming Zhang, Gerald Kehr, Gerhard Erker\*, Harald Fuchs\*, **Lifeng Chi\*** “Linear alkane polymerization on a gold surface”, *Science*, 334, 213-216 (2011)
- M. Gleiche, **L. F. Chi\***, H. Fuchs, “Nanoscopic channel lattices with controlled anisotropic wetting”, *Nature*, 403, 173-175 (2000)

#### Professional Society Membership

- Foreign Member, Academia Europeae
- Fellow, Chinese Chemical Society
- Member, American Physical Society