

## Xile Hu - Curriculum vitae (Short Version)

### PERSONAL INFORMATION

Family name, First name: Hu, Xile

Date of birth: 07/08/1978

URL for web site: <https://lsci.epfl.ch>

### • EDUCATION

2004 PhD, University of California, San Diego, USA (Advisor: Karsten Meyer)

2000 B.S., Peking University, Beijing, P. R. China

### • CURRENT POSITION

2016 – Full Professor of Chemistry, École Polytechnique Fédérale de Lausanne, Switzerland

2023 – Co-Founder and Chairman of Board, NovaMea SA, Switzerland

### • PREVIOUS POSITIONS

2013 – 2016 Associate Professor of Chemistry, École Polytechnique Fédérale de Lausanne, Switzerland

2007 – 2012 Assistant Professor of Chemistry, École Polytechnique Fédérale de Lausanne, Switzerland

2005 – 2007 Postdoctoral Scholar, California Institute of Technology, USA (Advisor: Jonas Peters)

### • ELECTED MEMBERSHIP OF ACADEMIES

2020 Member, Academia Europaea

2019 Fellow, European Academy of Sciences

2014 Fellow, Royal Society of Chemistry (UK)

2012 Member, Young Academy of Europe

### • SELECTED AWARDS AND HONORS

2023 IUPAC-Zhejiang NHU International Award for Advancement in Green Chemistry  
Experienced Chemist Award

2023 Robert K. Grasslerli Award in Catalysis, European Federation of Catalysis Societies

2017-2023 Highly Cited Researcher (Web of Science, Clarivate Analytics)

2022 Swiss Green and Sustainable Chemistry Award

2020 International Catalysis Award, International Association of Catalysis Societies

2019 Royal Society of Chemistry Homogeneous Catalysis Award

2018 Resonate Award, Caltech

2017 National Latsis Prize, Swiss National Science Foundation and the Latsis Foundation  
(now called Swiss Science Prize Latsis)

2017 Tajima Prize, International Society of Electrochemistry

2017 *Organic Letters* Outstanding Publication of the Year Lectureship Award, ACS

2016,18 European Research Council (ERC) Proof-of-Concept Grant

2016 Bau Family Award in Inorganic Chemistry

2015 European Research Council (ERC) Consolidator Grant

2015 Outstanding Reviewer Award, Wiley-VCH, ChemPubSoc Europe, ACES

2015 Young Researcher Award, European Federation of Catalysis Societies

2014 European Medal for Bio-Inorganic Chemistry (Eurobic Medal)

2014 *Organometallics* Young Investigator Fellowship, American Chemical Society

2014 Rising Star, International Conference on Coordination Chemistry

2013 *Chemical Society Reviews* Emerging Investigator Lectureship, RSC

2012 Extraordinary Young Scientist, World Economic Forum

2011 Werner Prize, Swiss Chemical Society

2011 Thieme Chemistry Journal Award

2010 European Research Council (ERC) Starting Grant

### • INVITED PROFESSORSHIPS

2019, State Key Laboratory of Metal Matrix Composites, Shanghai Jiaotong University

2016, University of Paris Diderot

2016, GIAN Fellowship, Indian Institute of Technology Kanpur

- **PUBLICATIONS**

Total number of publications: >200; total citations: > 40'000; H-index: 98 (google scholar, September 2024)

- **INVITED PRESENTATIONS**

Total number of invited talks: 130+, including 23 plenary and keynote lectures.

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

Currently supervise 9 postdocs and 6 PhD students; Supervised 25 postdocs, 26 PhD students (degreeawarded), and 45 master students; 20 former students/postdocs have obtained professorship

- **TEACHING ACTIVITIES**

2020 – Catalyst design for synthesis (Master level)  
2019 – Preparative chemistry II (Bachelor level)  
2011 – Frontier in chemical synthesis I-III (PhD level)  
2008 – Catalysis for energy production/storage (Master level)  
2008 – 2016 Coordination chemistry (Bachelor level)  
2011 – 2018 Bioinorganic chemistry (Bachelor level)

- **ORGANISATION OF SCIENTIFIC MEETINGS**

2022 Chair, Gordon Research Conference in Solar Fuels, Italy, 200 p.  
2019 Member of national advisory committee, International Conference of Biological Inorganic Chemistry, Switzerland, 700 p.  
2018 Vice chair, Gordon Research Conference in Solar Fuels, USA, 200 p.  
2016 Discussion leader, Gordon Research Conference in Solar Fuels, Italy, 200 p.  
2015 Section chair, European Congress of Catalysis, Russia, 100 p.  
2014 Member of local organization committee, Annual Meeting of the International Society of Electrochemistry, Switzerland, 1000 p.  
2014 Section chair, Materials Research Society Spring Meeting, USA, 80 p.  
2013 Program organizer, Catalysis Section, Fall Meeting of the Swiss Chemical Society, 100 p.  
2012 Section chair, ACS Spring Meeting, USA, 200 p.  
2012 Discussion leader, Gordon Research Seminar in Solar Fuels, Italy, 80 p.  
2011 Section chair, Inorganic Section, Fall Meeting of the Swiss Chemical Society, 100 p.  
2009 Organizer, Summer School - chemistry for a sustainable world, Switzerland, 70 p.  
2008 Section chair, European Biological Inorganic Chemistry Conference, Poland, 100 p.

- **INSTITUTIONAL RESPONSIBILITIES**

2017 – Member of Tenure and Promotion Committee of Faculty of Basic Sciences, EPFL  
2017 – 2024 Member of Steering Committee of Institute of Chemical Sciences and Engineering, EPFL  
2014, 19, 21, 23 Member, Faculty Recruitment Committee in Chemistry and Chemical Engineering, EPFL  
2015, 17 Member, Faculty Recruitment Committee in Chemistry and Chemical Engineering, ETHZ  
2013 – 2018 Member of the Research Commission Scientific Panel, EPFL  
2012 – 2014 Member, Faculty Recruitment Committee in Materials, EPFL  
2012 – 2013 Member of the Library Committee, EPFL  
2008 – 2014 Member of Doctoral Program Committee in Chemistry and Chemical Engineering, EPFL  
2008 – 2011 Co-organizer for the Institute Seminars in Chemistry and Chemical Engineering, EPFL  
2008 – 2011 Member, Scientific Commission for Chemistry, Union of Swiss Occidental Universities

- **REVIEWING ACTIVITIES**

2011 – External reviewer for tenure, promotion, and senior hires  
2007 – Ad-hoc reviewer, numerous scientific journals and grant agencies  
2016 – Editorial Advisory Board, *Inorganic Chemistry Frontiers* (RSC)  
2014 – 2018 Editorial Advisory Board, *ACS Catalysis* (ACS)  
2013 – 2021 International Advisory Board, *Chemistry, An Asian Journal* (Wiley)  
2013 – 2016 Editorial Board, *Inorganic Chemistry Frontiers* (RSC)  
2012 – 2020 Editorial Advisory Board, *Chemical Communications* (RSC)