

CONTACT INFORMATION	National Laboratory of Solid State Microstructures and Department of Physics, Nanjing University, 210093 Nanjing, China	yilu@nju.edu.cn
EDUCATION	Max Plack Institut für Festkörperforschung, Stuttgart, Germany University of Stuttgart, Stuttgart, Germany Ph.D. in Physics, Sep. 2017 <ul style="list-style-type: none"> • Thesis Topic: <i>X-ray spectroscopy study of transition metal oxides</i> • Advisor: Prof. Bernhard Keimer • <i>summa cum laude</i> M.Sc. in Physics, Nov. 2012 <ul style="list-style-type: none"> • Topic: <i>Structural and Electronic Properties of Perovskite Rare-Earth Nickelate Superlattices</i> • Advisor: Prof. Bernhard Keimer Peking University, Beijing, China B.Sc. in Physics (Yuanpei College), Jul 2010	
RESEARCH EXPERIENCE	Professor, National Laboratory of Solid State Microstructures and Department of Physics, Nanjing University Postdoctoral research, Institut für Theoretische Physik Host: Prof. Maurits W. Haverkort <i>Correlated-electron systems; X-ray spectroscopy</i> Doctoral Research, Max Plack Institut für Festkörperforschung Advisor: Prof. Bernhard Keimer <i>Experimental and theoretical study of electronic structure of metal-oxide super-conductors</i> Visiting Student, Max-Planck-Instituts für Chemische Physik fester Stoffe Host: Prof. Maurits W. Haverkort <i>Dynamical mean field theory and spectroscopy in multi-orbital systems.</i> Visiting Student, Max-Planck-UBC Centre for Quantum Materials, University of British Columbia Host: Prof. Maurits W. Haverkort <i>Density functional theory study of nickelates structure and Fermiology.</i> Master Research, Max Plack Institut für Festkörperforschung Advisor: Prof. Bernhard Keimer <i>Structural and electronic properties of perovskite rare-earth nickelate superlattices studied by X-ray scattering and density functional theory.</i> Undergraduate Research, Nanostructure and Low Dimensional Physics Laboratory Department of Physics, Peking University Advisors: Prof. Zhi-Min Liao, Prof. Da-Peng Yu <i>Transport properties of ZnO nanowires.</i>	Apr 2021 to present Oct 2017 to Apr 2021 Nov 2012 to Sep 2017 Jul 2013 to Jul 2016 Jul 2012 to Sep 2012 Oct 2010 to Oct 2012 May 2008 to Jul 2010
PUBLICATIONS	See Google Scholar for full list of publications.	