

RESUME

NAME: Binping Xiao
GENDER: Male
Office Number: 7572697647
Email: bpx@jlab.org

EDUCATION:

Aug. 2005-present Department of Applied Science, the College of William and Mary Applied Research Center, Southeastern Universities Research Association.
GPA: 3.8/4.0

Sep. 2002-Jul. 2005 School of Physics, Peking University
Master of Engineering.
GPA: 3.9/4.0

Sep. 1998-Jul. 2002 School of Physics, Peking University,
Bachelor of Science
GPA: 3.0/4.0

RESEARCH EXPERIENCE:

Small sample radiofrequency property characterization, Jan. 2006~present
Thin Film Characterization by X-ray Photoelectron Spectroscopy(XPS), Aug. 2005~present
CuInSe₂ Thin Film Solar Cells, Aug. 2002-Jul. 2005
NbN Thin Films as Buffer layer for Nb-sputtered Copper Cavities, Jan. 2003-Jul. 2005
Surface Treatment of Superconducting RF Nb Cavities, Aug. 2002-Jan. 2003
Research and Calculation on Multipacting Effect of Superconducting RF Cavities, Sep. 2001-Jul. 2002

PROFESSIONAL EXPERIENCE:

Feb. 2004-Jan. 2005 Graduate Teaching Assistant of General Physics Lab (Optics part),
School of Physics, Peking University

Sep. 2003-Jan. 2004 Graduate Teaching Assistant of General Physics, School of Physics,
Peking University

AREAS OF STUDY:

Thin Film Characterization for Superconducting RF Cavity Used in Electron Accelerator.
Small sample radiofrequency property characterization

PUBLICATIONS:

1£—"Research on Multipacting Effect in Superconducting Cavity", Bachelor's degree thesis, Peking University, 2002
2£—"Fabrication and Research of Sputtered NbN Thin Films", Spectroscopy and Spectral Analysis, 2005, 25(4): 487. (Coauthor)
3£—"Fabricate high-quality CuInSe₂ polycrystalline films with three sources by combining evaporation and sputtering technologies", Accepted by Spectroscopy and Spectral Analysis. (First author)
4£—"Studies on the Key Technologies of Thin Film Fabrication in CIS Solar Cell", Master's degree thesis, Peking University, 2005