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Curriculum Vitae

Song Jinglu

Male

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Areas of Interest

Photovoltaic, Electroluminescence, OTFTs, and other thin film devices

Educational Background

Master, Materials Science & Engineering University of Florida	2010 to Present
M.S., Optics Beijing Jiaotong University	2008 to 2010
B.S., Optical Information and Science Beijing Jiaotong University	2004 to 2008

Languages

TOEFL: 105

Reading:29; Listening:26; Speaking: 20; Writing: 30

GRE: 1370

Quantity: 800; Verbal: 570; AW: 2.5

Research Experience

Research in Organic Solar Cells and OLEDs in Academician Xu Xurong's Group	2007 to 2010
Mainly focused in the influence of annealing treatment, interface dipole and OSC based on two D/A systems along with complexity of organic and inorganic materials;	
Research on the Influence Factors of Polymer Spin coating Film-formation	2007
Modeling and analyzing via Matlab and SPSS; Won the 3 rd Prize in the 11th Challenge Cup of BJTU;	
Research on the Psychological Influence of Network Games on College Students	2005
Won the 3 rd Prize in the 3rd Science Cup	

Publications

- **Song Jing-lu**, Xu Zheng, Zhang Fu-jun et al. Effect of Annealing Treatment on the

Performance of Bulk Heterojunction Solar Cells with Donor and Acceptor Different Weight Ratio. [J].Science In China Series G, 2009, 10 (52): 1606–1610

- Liu Xiao-Dong, Xu Zheng, Zhang Fu-Jun, Zhao Su-Ling, Zhang Tian-Hui, Gong Wei, **Song Jing-Lu**, et al. Influence of a small-molecule material on the performance of polymer solar cells based on MEH-PPV:PCBM blend. [J]. Chinese Journal of Physics, 2010
- LIU Xiao-dong, ZHANG Fu-jun, XU Zheng, ZHAO Su-ling, **SONG Jing-lu**, et al. Influence of the active layer thickness on the performance of bulk heterojunction solar cell. [J].Spectroscopy and Spectral Analysis, 2010, 30 (07): 1752-1755
- Junming Li, Suling Zhao, Zheng Xu, Lifang Lu, **Jinglu Song**, et al. White emission via electroplex emission from two blue materials. [J].Journal of Nanoscience and Nanotechnology, 2010, 10 (3): 1719–1722
- Junming Li, Dandan Song, Suling Zhao, Fujun Zhang, Zheng Xu, **Jinglu Song**, et al. Electroplex emission of the blend film of PVK and DPVBi. [J]. Solid-State Electronics, 2009, 54 (4): 349-352
- LI Jun-ming, XU Zheng, ZHAO Su-ling, ZHANG Fu-jun, SONG Dan-dan, LIU Xiao-dong, **SONG Jing-lu**, XU Xu-rong. Evaluating Acceleration Ability of Electrons of Different Acceleration Layers in Solid State Cathodoluminescence. [J].Spectroscopy and Spectral Analysis, 2009, 29 (11):2893-2896

Patents

- ★ A kind of Heat Preservation Shoes based on Organic Solar Cells (Applying ID 200920277839.4, Second Inventor)
- ★ A kind of Heat Preservation Shoes (Applying ID200920173151.1, First Inventor)
- ★ A kind of Slipcase (Applying ID 200920110247.3, First Inventor)
- ★ Potato Smash Machine for Snack (Applying ID 200720190658.9, 5th Inventor)
- ★ Badminton based on electroluminescence (Applying ID 200920105716.2, First Student Inventor)
- ★ Quartz Boat with Lid for Thermal Evaporation (Patent ID 200720103895.7, First Student Inventor)
- ★ A kind of Substrate Cleaning Device (Patent ID 200720148977.3,6th Inventor)

Related Experience

President of Graduate Student Union of Institute of Optoelectronics Technology	2009 to 2010
Monitor of the Class (in graduate study)	2008 to 2010
1 st Prize of Fine Academic Atmosphere Class (out of 8 classes including Doctor Classes)	2009
Teaching Assistant of Physics	2008 to 2009
Monitor of the Class (in undergraduate study)	2007 to 2008
Coach of Debate Team of School of Science	2005 to 2006
Vice Director of Students' Science Association	2005 to 2006
Vice Captain of the Debate Team of Beijing Jiaotong University	2005 to 2006

Awards and Scholarships

- Outstanding Graduate Student (3 out of 26 Students in every class) 2010
- Championship - 2nd Graduate Students' Debate Competition of BJTU (Main organizer and key player) 2010
- Half Tuition Waiver - Beijing Jiaotong University 2009 to 2010
- BOE Scholarship(Only 2 out of all the master students) 2009
- Full Tuition Waiver - Beijing Jiaotong University 2008 to 2009
- Outstanding Graduate Student - Beijing Jiaotong University (8 out of 210 students) 2008
- 3rd Prize - Challenge Cup Academic Science and Technology Work Competition 2007
- 3rd Prize - Science Cup Academic Science and Technology Work Competition 2005
- Artistic Activity Merit Scholarship - Beijing Jiaotong University 2004 to 2005
- MVP - Qualification Game of Debate Competition of BJTU 2005
- 1st Prize - Speech Competition of the School of Science 2005
- 2nd Prize - Debate Competition of Beijing Jiaotong University 2004

Activities and Honors

- Author - Published one book in our school 2010
- 1st Prize - Fine Academic Atmosphere Class 2010
- Chief Editor - 1st Edition Teaching Material for the Debate Team 2007
- Founder - the Poem Society of Beijing Jiaotong University 2007
- Chief Editor - 2nd Edition Constitution of the Debate Team of the School of Science 2005

Internships

- Shopping Guide 2006
Dazhong Electronics, Beijing
Sold 7 TVs and LEDs in 3 workdays

Skills

- Writing (1 book published in our school, 2 others under edit)
- Good at Office Software
- Debate, Presentation and Speeches
- Being able to use Photoshop, Zinemaker, Ulead Video Studio, SPSS
- Statistics: doing research about influential factors in debate competition