

CV

Ms Aneeqa Bashir

PERSONAL DETAILS:

Family Name: Bashir
First Name: Aneeqa
Nationality: Pakistani
Date of Birth: 21st Sep 1977
Address: Department of Physics
University of the Punjab
Quad-i-Azam Campus Lahore
Pakistan
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EDUCATION:

Ph.D: Experimental Solid state Physics, Oct 2007 to Oct 2011
Physics Department Imperial College London
Research Title: High performance ZnO Thin Film Transistors for large area microelectronics
Supervisor: Dr. Thomas.D.Anthopoulos
Sponsored by: Higher Education Commission of Pakistan

M.Phil: Solid State Physics, Sep 2000 to May 2003
Centre for Solid State Physics University of the Punjab
Research Title: Investigation of PL spectra in InAs/GaAs Quantum Dots
Supervisor: Dr. Arshad Saleem Bhatti
Marks: 86%

M.Sc: Physics, Sep 1997 to Aug 1999
Physics Department University of the Punjab
Special subject: Advanced Electronics
Marks: 78.6%

B.Sc Physics and mathematics, Sep 1994 to Aug 1996
Kinnaird College for Women Lahore
Marks: 68.3%

EMPLOYMENT:

28th May 2001 to
22nd Nov 2011: Lecturer in Physics Department, University of the Punjab Lahore
Duties: Teaching Solid State Physics to B.Sc and M.Sc Classes
having nearly 50 Students in each Class.

23rd Nov 2011 to date: Assistant Professor in Physics Department, University of the
Punjab Lahore

FOREIGN EXPOSURE:

25 April – 3 Aug 2005: Department of Material Sciences and Engineering, University of
Illinois, Urbana Champaign USA.
I have worked on Buffer Layer Assisted Growth (BLAG) for
magnetic nanoparticles and also used TEM and AFM for
characterization.

17 May– 17 Sep 2004: International Centre for Theoretical Physics (ICTP) Trieste, Italy
I have worked on Magneto Optic Kerr Effect (MOKE) for
magnetic nanoparticles

Oct 2007-Aug 2011 PhD Department of Physics, Imperial College London, UK

AWARDS:

May 2006: PhD Scholarship from Higher Education Commission of Pakistan
under faculty development program

Jan 2005: Fellowship for short term visit to Department of Material
Sciences and Engineering, UIUC USA from National Science
Foundation

Feb 2004: Fellowship for short term Research Program from ICTP, Italy

Feb 2000: One Year Fellowship for Diploma in Condensed Matter Physics
from ICTP, Italy. (did not avail)

CONFERENCES:

Dec 2011: International Conference on nanotechnology and nano ethics,
held at COMSATS Lahore Pakistan, oral presentation

March 2011: 7th International thin film transistors Conference, Cambridge UK,
Poster presentation.

September 2010: SID Organics electronics, UK, oral presentation

June 2009: E-MRS 2009 spring meeting held at Strasburg, France on
Advances in transparent electronics. Poster presentation

- Sep 2008: 2nd SID (Society of information display, UK) conference at Imperial College London, Poster presentation.
- Oct 2006: International School on Thin Films and Surfaces held at COMSATS Lahore Pakistan
- July 2005: Physical Electronics held at Wisconsin, Madison USA
- May 2004: Physics at nano-scale held at ICTP, Italy
- June 2003: International Bhurbhan Conference on Wireless Communications held at Bhurbhan Pakistan
- Feb 2003: National Symposium on 'Frontiers in Physics' held at GC Lahore Pakistan

PUBLICATIONS:

1. [Aneeqa Bashir](#), Paul H. Wöbkenberg, Jeremy Smith, James M. Ball, George Adamopoulos, Donal D. C. Bradley, and Thomas D. Anthopoulos. *Adv. Mater.* 2009, 21, 1–6.
2. George Adamopoulos, [Aneeqa Bashir](#), Paul H. Wöbkenberg, Donal D. C. Bradley, and Thomas D. Anthopoulos. *APP. Phys. Lett* **95**, 133507,(2009).
3. [Aneeqa Bashir](#); Paul Wöbkenberg; Jeremy Smith ; George Adamopoulos; Donal Bradley; Thomas Anthopoulos;. 2009. Paper presented at EMRS Spring Meeting 2009, Strasbourg, France.
4. Jeremy Smith; [Aneeqa Bashir](#) ; George Adamopoulos; Donal Bradley; Thomas Anthopoulos. 2009. Paper presented at 2nd International Symposium on Flexible Organic Electronics, Thessaloniki, Greece.
5. Jeremy Smith , [Aneeqa Bashir](#) , George Adamopoulos , John E. Anthony , Donal D. C. Bradley , R. Hamilton , Martin Heeney , Iain McCulloch , and Thomas D. Anthopoulos. *Adv. Mater.* **2010**, 22, 3598–3602.
6. George Adamopoulos , [Aneeqa Bashir](#) , Stuart Thomas , William P. Gillin , Stamatis Georgakopoulos , Maxim Shkunov , Mohamed A. Baklar , Natalie Stingelin , Robert C. Maher , Lesley F. Cohen , Donal D. C. Bradley , and Thomas D. Anthopoulos. *Adv. Mater.* **2010**, 22, 4764–4769.
7. George Adamopoulos , [Aneeqa Bashir](#) , William P. Gillin , Stamatis Georgakopoulos , Maxim Shkunov , Mohamed A. Baklar , Natalie Stingelin , Donal D. C. Bradley , and Thomas D. Anthopoulos. *Adv. Funct. Mater.* **2011**, 21, 525–531

Patents

Thomas Anthopoulos, Donal Bradley, [Aneeqa Bashir](#), Paul Henrich Wobkenberg, US Patent Application No. US/2011/0113859 A. Low voltage thin-film field effect transistors.

ADMINISTRATIVE RESPONSIBILITIES:

While working as a lecturer in physics Department University of the Punjab, I had been a member of Discipline Committee, Purchase Committee and Academic Council.