

- Experience**
- Upper Austrian Research** *Post doctoral researcher*  
TechCenter Linz, Austria *November 2005 – October 2006*  
Working on Thermoacoustic Tomography
- CD-Laboratory of Surface Optics** *Post doctoral researcher*  
**Austria** *June 2005 – October 2005*  
J. Kepler University of Linz, Austria  
Directed by Univ. Doz. Dr. Kurt Hingerl. Working on Near Infrared detection.
- Physical Chemistry** *University assistant*  
J. Kepler University of Linz, Austria *January 2001 – March. 2005*  
Teaching activities in Physical Chemistry. Device oriented work with organic semiconductors.  
Focus on diodes and field effect transistors.
- Ph.D-thesis: In collaboration with the Institute of Semiconductor Physics (T. Fromherz, directed by Prof. G. Bauer) working on transport studies and optical characterization (UV-Vis, IR) of organic semiconductors.  
Ph.D-thesis title: *Fullerene based diodes*
- Town of Linz – Austria** *Civil service*  
*October 1999 – October 2000*  
Nurse like work with people having a handicap.
- Villares Brazil – Steel plant** *Practicum*  
*June 1999 – September 1999*  
Working on computer simulations for the optimization of the production process for the steel-roll production.
- Physical Chemistry** *Master thesis*  
J. Kepler University of Linz, Austria *June 1998 – June 1999*  
Master-thesis: In collaboration with the Institute of Solid-state Physics Linz (Prof. H. Sitter):  
Epitaxial grow of organic thin films.  
Master-thesis title: *Fullerene-Oligophenyl Multilayers Grown by Hot Wall Epitaxy*
- Activities**
- Linux hacking and involved in open-source projects like: <http://texfig.sf.net>  
Organizing exhibitions of primary of own artwork:  
<http://gebi.fastmail.fm/privat.html>
- Education**
- Doctoral degree in Physics, May 2005  
Master degree in Physics 1999  
Technical High School on electrical engineering 1991
- Selected Publications**
- G. J. Matt, Th. B. Singh, A. Montaigne Ramil, H. Sitter, N. S. Sariciftci. Switching in  $C_{60}$  based field-effect transistors, *Applied Physics Letters*, Vol 88, 263516 (2006); featured in the Virtual Journal of Nanoscale Science & Technology
- Th. B. Singh, N. Marjanovic, G. J. Matt, S. Günes, N. S. Sariciftci. High-Mobility n-channel Organic Field-Effect Transistor, *Organic electronics*, Vol 6 (2005) 105-110
- G. J. Matt, T. Fromherz, N. S. Sariciftci. Anomalous charge transport behavior of Fullerene based diodes, *Applied Physics Letters*, Vol 84, Nr. 9, 1570-1572; featured at <http://nano.ivcon.org>
- C. Winder, G. Matt, J. C. Hummelen, R. A. J. Janssen, N. S. Sariciftci, C. J. Brabec. Sensitization of Low Bandgap Polymer bulk heterojunction Solar Cells *Thin Solid Films*, Vol 403-404 (2002) 373-379, *E-MRS Strassbourg 2001*

G. Matt, H. Sitter, A. Adreev, N. S. Sariciftci. Hot-Wall-Epitaxy - The method of choice for the growth of highly ordered organic epilayers, *Mol. Cryst. Liq. Cryst.*, Vol. 385, [171]/51- [180]/60

A. Adreev, G. Matt, C. J. Brabec, H. Sitter, D. Badt, H. Seyringer and N. S. Sariciftci. Highly Anisotropically Self-Assembled Structures of para-Sexiphenyl Grown by Hot Wall Epitaxy, *Adv. Mat.* 12, 629-633 (2000)

**Oral presentations** 5-8.6.01: *European-Materials Research Society - Spring Meeting, (E-MRS) Strasbourg, France*  
Device Operation of Conjugated Polymer/Fullerene Bulk Hetero-Junction Solar Cells

14-19.11.01: *Materials Science Center, University of Groningen, Prof. P. Blom, The Netherlands*

Invited: Device Operation of Conjugated Polymer/Fullerene Bulk Hetero-Junction Solar Cells

3-8.6.2002: *4-th International Conference (ICEPOM-4), Lviv, Ukraine*

Device characterization of conjugated polymer/methanofullerene bulk heterojunction solar cells

25.4.-3.5.2003: *203rd Meeting of the Electrochemical Society (ECS), Paris, France*

Anomalous Charge Transport Behavior of Fullerene Base Diodes

24-29.5.2004: *5-th International Conference (ICEPOM-5), Lviv, Ukraine*

Electron Transport in Fullerenes

4-9.4.2005: *69. Jahrestagung der Deutschen Physikalischen Gesellschaft, Berlin, Germany*

Fullerene Based Diodes

21.6.2005: *The Blackett Laboratory, Prof. D. Bradley, Imperial College, London, UK*

Invited: Highly nonlinear transport phenomena in Fullerene thin films

26.8.2005: *PolyIC -Siemens, Erlangen, Germany*

Invited: High mobility OFET's based on Fullerenes

7.9.2006: *Mesoscopic Physics Group, Prof. A. Geim, University of Manchester, UK*

Invited: Charge transport in amorphous organic semiconductors