

Dipl. Chem. Hannah Bürckstümmer

Short academic curriculum vitae:

October 2002 - July 2007: Julius-Maximilians-Universität Würzburg
Field of study: Chemistry
Diploma thesis (Synthesis of donor substituted naphthalic acid anhydrides for dye-sensitized solar cells), Prof. Dr. Frank Würthner

March - July 2004: Durham University, Great Britain: Internship (FePd nanoparticles)
Prof. Dr. John S. O. Evans;

February - April 2006: CPE Lyon, France: Internship (Desulfurization of benzothiophenoazepines), Prof. Dr. Marc Lemaire;

October 2007: Julius-Maximilians-Universität Würzburg, PhD thesis (Synthesis and Characterization of Donor- π -Acceptor Systems for organic photovoltaics), Prof. Dr. Frank Würthner

All publications:

H. Bürckstümmer, N. M. Kronenberg, K. Meerholz, F. Würthner:
Near-Infrared Absorbing Merocyanine Dyes for Bulk Heterojunction Solar Cells
Organic Letters, **2010**, *12*, 3666–3669.
DOI number: 10.1021/ol101492q

N. M. Kronenberg, V. Steinmann, H. Bürckstümmer, J. Hwang, D. Hertel, F. Würthner, K. Meerholz:
Direct Comparison of Highly Efficient Solution- and Vacuum-Processed Organic Solar Cells Based on Merocyanine Dyes
Advanced Materials, **2010**, *22*, 4193–4197.
DOI number: 10.1002/adma.201000800

H. Bürckstümmer, N. M. Kronenberg, M. Gsänger, M. Stolte, K. Meerholz, F. Würthner:
Tailored merocyanine dyes for solution-processed BHJ solar cells
Journal of Materials Chemistry, **2010**, *20*, 240–243.
DOI number: 10.1039/b916181c

H. L. Nguyen, L. E. M. Howard, S. R. Giblin, B. K. Tanner, I. Terry, A. K. Hughes, I. M. Ross, A. Serres, H. Bürckstümmer, J. S. O. Evans:
Synthesis of monodispersed fcc and fct FePt/FePd nanoparticles by microwave irradiation
Journal of Materials Chemistry, **2005**, *15*, 5136–5143.
DOI number: 10.1039/b511850f