

## V. DIPLOMA THESIS - DISSERTATIONS

### *Diplomarbeiten - Dissertationen*

#### **1. Diploma thesis in preparation / Laufende Diplomarbeiten**

|                      |                                                                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alexander GUSENBAUER | Photoelectrochemical cells based on photoactive polymers                                                                                                                 |
| Hans-Jürgen PRALL    | Tandem Solar Cells                                                                                                                                                       |
| Philipp STADLER      | Investigation of Hysteresis Effects in Organic Field Effect Transistors (OFETs)                                                                                          |
| Andreas SPIEGEL      | Growing "HEK-cells" on organic semiconductors on suitable substrates and microscopic investigation of bioactivity and photoactivity of the semiconductors, absorption PL |
| Pinar SENKARABACAK   | Setup and operate the FTIR-ATR spectroscopy lab. in normal and step scan mode and ATR-FTIR Study of Organic Semiconductor / Organic Dielectric Interface                 |

#### **2. Doctoral thesis in preparation / Laufende Dissertationen**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Martin EGGINGER         | Using foamed organic dielectrics and organic semiconductors in organic FET's, Diodes, resistors |
| Serap GUENES            | Nanostructured electrodes from inorganic materials for hybrid solar cells                       |
| Nenad MARJANOVIC        | Photosensitive Organic Field-Effect Transistors using Organic Semiconductors and Dielectrics    |
| Christoph LUNGENSCHMIED | Organic p-n junctions                                                                           |
| Robert KOEPPE           | Graded bandgap energy transfer cascades for photovoltaic applications                           |
| Anita FUCHSBAUER        | Rare Earth Emission obtained by using organic photoluminescent systems                          |

#### **3. Diploma thesis completed / abgeschlossene Diplomarbeiten**

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Martin EGGINGER  | Zn-Phthalocyanine / C 60 solar cells                                     |
| Anita FUCHSBAUER | Nanosecond transient spectroscopy on conjugated polymers                 |
| Sandra HOFER     | Synthesis and characterization CuInS <sub>2</sub> for hybrid solar cells |

#### **4. Doctoral thesis completed / abgeschlossene Dissertationen**

|              |                        |
|--------------|------------------------|
| Gebhard MATT | Fullerene Based Diodes |
|--------------|------------------------|