



9:00 - 9:05

**Prof. Dr. W. Boland,**  
Chair Beutenberg Campus Association  
Welcome Address



9:05 – 9:35

**Kurt Maier** (dentognostics GmbH)  
The development of an in-vitro-diagnostic point-of-care system – Challenges and practical problems



9:35 – 10:05

**Prof. Dr. Dieter Klemm / Prof. Dr. Dieter Schumann** (POLYMET Jena e.V.)  
Bacterial Synthesized Nanocellulose - Promising Biopolymer for Use in Medicine and Technology

**Transfer group at**

10:05 – 10:30

**Coffee Break**

10:30 – 11:00



**Dr. Robert Möller** (IPHT)  
DNA-Chips with electrical detection - development and application of affinity chips with a electrical detection scheme

11:00 – 11:30

**Dr. Volker Reichel** (IPHT)  
Laseractive Fibers and Fiber Laser - Technology and Applications



11:30 – 12:00

**Prof. Dr. Stefan Diekmann / Daniela Hellwig** (FLI)  
Functional architecture of the human kinetochore



12:00 – 12:30

**Dietrich Feist/ Marc Geibel** (MPI-BGC)  
Getting a better look at greenhouse gases: how infrared spectroscopy can improve our knowledge of their global distribution



12:30 – 13:00

**Alfredo Ibáñez** (MPI-CE)  
Plastic MALDI chips (pMALDI): enhancing protein analysis using high-density polymer micro array in combination with MALDI-TOF/MS



13:00 – 13:30

**Dr. Uwe Horn** (HKI-Biotechnikum)  
Producing antibodies in Escherichia coli: From PCR to fermentation

