6th Scientific Seminar of the “North-Bavarian Biomaterials Alliance (NBBA)”
19th November 2013, Hörsaal H32, Gebäude FAN-B, Universitätsstr. 30, 95440 Bayreuth, Germany

Welcome
16.00 h Prof. Thomas Scheibel

Bayreuth section
16.05 h Inna Dewald (Chair of Physical Chemistry II, University of Bayreuth)
“Nanoscale Characterization of Microgels for Switchable Cell Culture Surfaces“

16.20 h Nico Helfricht (Chair of Physical Chemistry II, University of Bayreuth)
“Characterizing Surface Properties of Biomaterials by Direct Force Measurements“

16.35 h Shaohua Jiang (Chair of Macromolecular Chemistry II, University of Bayreuth)
“Composites and special morphologies by bi-component electrospinning“

Erlangen section
16.50 h Tobias Zehnder (Institute of Biomaterials, University of Erlangen-Nuremberg)
“Bioplotting activities in Erlangen: Cell-loaded hydrogels“

17.05 h Sigrid Seuß (Institute of Biomaterials, University of Erlangen-Nuremberg)
“Electrophoretic Deposition (EPD) in Erlangen: Applications of EPD to biomaterials“

17.20 h Nadine Lang (Center for Medical Physics and Technology, Biophysics Group)
“Cell Mechanics, Contraction and Migration in 3Dimensional Biopolymer Networks“

Würzburg section
17.35h Katharina Wittmann (Department for Trauma, Hand, Plastic & Reconstructive Surgery, University Hospital of Wuerzburg) “Whole Mount Staining for Visualization of 3D Tissue Structure”

17.45 h Marcus Gutmann (Chair of Pharmaceutics and Biopharmacy, University of Wuerzburg)
“Measurement of cell surface zeta potential and of planar (bio-)material surfaces”

17.55 h Gernot Hochleitner (Department for Functional Materials in Medicine and Dentistry, University Hospital of Wuerzburg) “Melt Electrospinning Writing (MEW)“

18.05 h Niklas Gangloff (Chair for Chemical Technology of Materials Synthesis, University of Wuerzburg)
“Surface initiated polymerization of polypeptoids: A new method to biocompatibilize surfaces and materials“

18.15 h Concluding Remarks & Social hour, come together and discussions with beer and brezeln

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