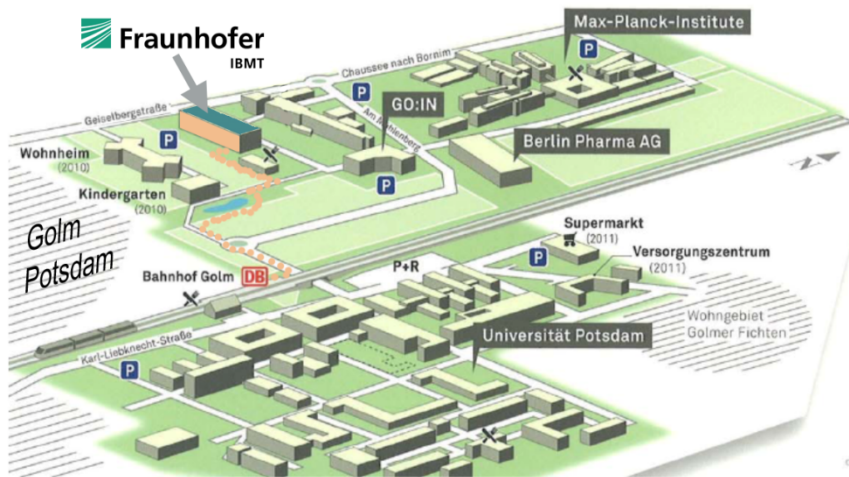


Location of the Fraunhofer Institute for Biomedical Engineering



How to get to the institute:

BY TRAIN:

From *Berlin*: Take the train RE 1 from *Alexanderplatz, Friedrichstraße, Hauptbahnhof* (platform 13 or 14), *Zoologischer Garten, Charlottenburg* to *Wissenschaftspark Golm* (destination Magdeburg, every hour);

As an alternative: S-Bahn 7 to *Potsdam Hbf* (every 20 minutes), change there to the regional train RB 21 for *Golm* or take the bus or a taxi (15 minutes);

From *Potsdam*: Take the train RB 21 to *Golm* (every half-an-hour) or take Bus 605 or 606 from *Potsdam* to *Wissenschaftspark Golm*

BY CAR:

Autobahn A10 (Berliner Ring): exit Leest (north of Autobahndreieck Werder) towards *Potsdam*; at the end of *Wublitzstr.* turn right towards *Golm*, pass the roundabout ; the Fraunhofer IBMT is the orange building on the left.

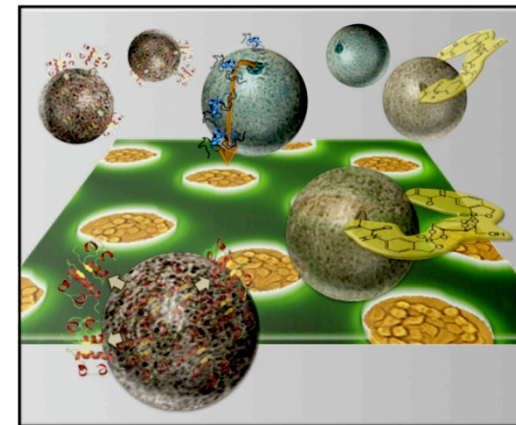
Please note that due to construction work at the Fraunhofer IAP, the access to the parking place is only possible from *Geiselbergstraße*.

Registration:

Registration is free. Due to limited space please register informally until May 2 2012 with a short e-mail to: stephanie.schwarz@ibmt.fraunhofer.de

Symposium
on

Bioactive Particles and Coatings



9 May 2012, 09.15 - 17.30

Fraunhofer Institute for
Biomedical Engineering

Potsdam



Alexander von Humboldt
Stiftung/Foundation

Symposium on "Bioactive particles and coatings"

9 May 2012

Opening

09:15 Prof. Frank F. Bier / Dr. Claus Duschl
Fraunhofer Institute for Biomedical Engineering, Potsdam

Lectures

09:25 **Prof. Janos Vörös**
Swiss Federal Institute of Technology, Zurich (Switzerland)
"Electrically Controlled Release of Molecules and Cells from Polyelectrolyte Multilayers"

10:05 **Prof. Markus Biesalski**
Technical University of Darmstadt
"Bioresponsive surfaces through immobilized functional polymer coatings"

10:45 -- Coffee break --

11:15 **Prof. Dmitry Gorin**
Saratov State University, (Russia)
"Smart nanocomposite planar layers, core-shell structures and microcapsules for theragnostic"

11:55 **Prof. Eva-Kathrin Sinner**
Institute of Nanobiotechnology, Vienna (Austria)
"Synthetic materials as membrane mimicking architectures "

12:35 -- Lunch --

13:35 **Prof. Thomas Hellweg**
University of Bielefeld
"Smart microgels: Towards nanoscale sensors and nano actuators"

14:15 **Prof. Regine von Klitzing**
Technical University of Berlin
"Swelling behaviour and mechanical properties of hydrogels at interfaces"

14:55 **Prof. Gleb Sukhorukov**
Queen Mary University of London (United Kingdom)
"Multilayer Coating on 3D surfaces - Fabrication of Microchamber arrays and Microcapsules"

15:35 -- Coffee break --

16:00 **Dr. Samuel Terrettaz**
Swiss Federal Institute of Technology Lausanne (Switzerland)
"Accommodating ion channels at an inhospitable gold electrode with tethered lipid membranes"

16:40 **Dr. Andre Skirtach**
Max-Planck Institute of Colloids & Interfaces, Potsdam
"Nanoparticles and capsules functionalized thick, biocompatible films"

17:20 Closing remarks