

Agenda

09:30 – 10:00 Registration and welcome coffee

10:00 – 10:10 Welcome address

10:10 – 10:40 **Dr. Kai Dirscherl**
(Danish National Metrology
Institute, Denmark)
*Why it is important to detect
nanoparticles.*

10:40 – 11:10 **Dr.-Ing. Christof Asbach**
(Institute of Energy and
Environmental Technology IUTA
e.V., Germany)
*A review of existing analytical
techniques for detection of
nanoparticles.*

11:10 – 11:40 **Dr. Rudolf Reuther**
(ENAS Environmental
Assessments, Sweden)
*Toxicological aspects of
nanomaterials.*

11:40 – 12:10 **Dr. Dora I.A. Pereira** (MRC
Human Nutrition Research, Elsie
Widdowson
Laboratory, Cambridge, UK)
*Nanoparticles in the gut:
Interaction with cells and bacteria.*

12:10 – 12:30 **Prof. Alexei Kornyshev**
(Imperial College London, UK)
Nanoparticles and terror attacks.

12:30 – 13:30 Lunch

13:30 – 13:45 **Dr. A. Demetriadou**
(Imperial College London, UK)
*Theory of plasmonic detection of
nanoparticles.*

13:45 – 14:00 **Prof. V. Mirsky** (BTU Cottbus-
Senftenberg, Germany)
Dr. A. Zybin (ISAS Leibniz-
Institut Dortmund, Germany)
*Plasmonic detection of
nanoparticles. Project
Nanodetector.*

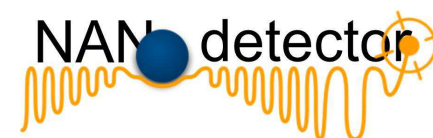
14:00 -14:15 **Dr. I. Sidorenko**
(Mivitec GmbH, Germany)
Dr. A. Kuzmichev
(ISAS Dortmund, Germany)
Dr. S. Nizamov (BTU Cottbus-
Senftenberg, Germany)
*Image analysis in plasmonic
detection of nanoparticles.*

14:15 – 14:40 **Dr. S. Cattaneo** (CSEM Centre
Suisse d'Electronique et de
Microtechnique SA, Switzerland)
*SmartNano - Sensitive
measurement, detection, and
identification of engineered
nanoparticles in complex
matrices.*

14:40 – 15:05 **Prof. A. Thünemann**
(BAM Federal Institute for
Materials Research and Testing,
Germany)
*INSTANT technology for detection
of Nanoparticles.*

15:05 – 15:20 Coffee break

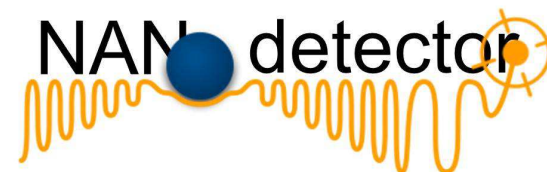
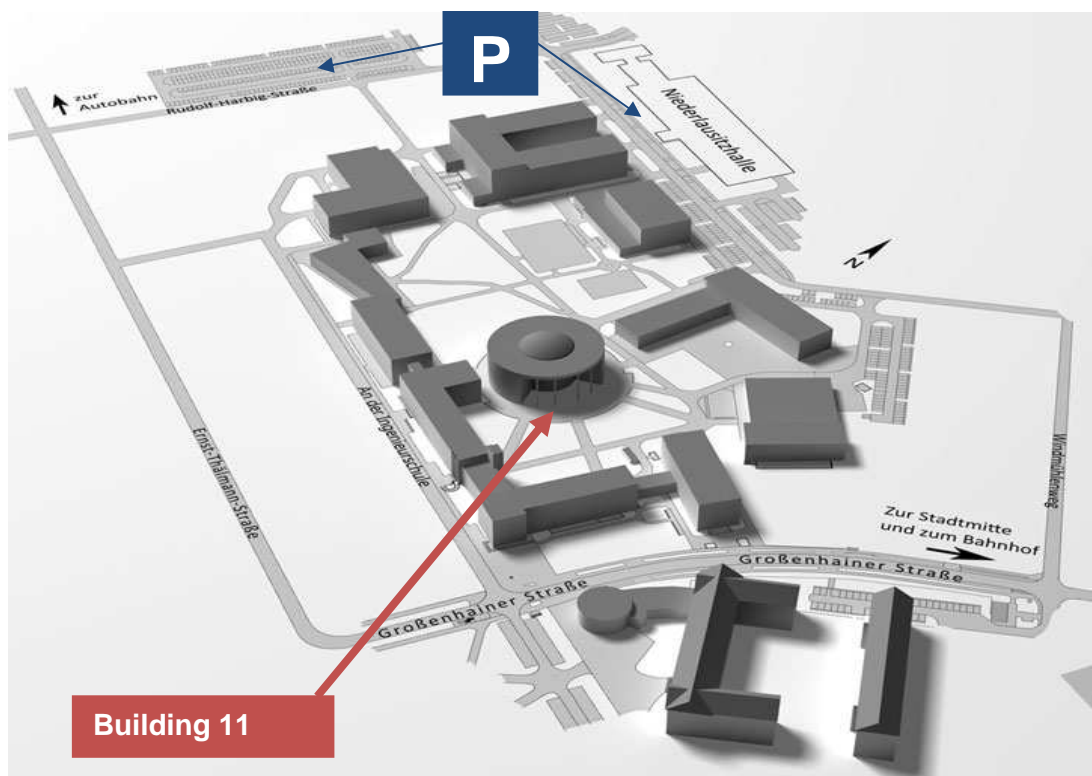
15:20 **OPTOLITA**
(Lithuania)
*Demonstration of
NANODETECTOR device*



Brandenburg
University of Technology
Cottbus - Senftenberg



How to find meeting room



Public workshop
„Detection of
Nanoparticles“
29.11.2013 at
Brandenburg University
of Technology Cottbus -
Senftenberg

Address:
BTU Cottbus – Senftenberg
Großenhainer Str. 57
01968 Senftenberg



Brandenburg
University of Technology
Cottbus - Senftenberg



Attendance of the workshop is free of charge.
For planning the refreshments please register
online under:

www.zmdb.de/nanodetector/



Venue of the meeting:

Brandenburg University of Technology
Cottbus-Senftenberg,
Campus Senftenberg,
building 11, room 11.103