Science at Work

Technology Park Berlin Adlershof
Adlershof: A unique SciTech Cluster

- 6 Institutes of the Humboldt Universität zu Berlin
- 10 non-university scientific institutes
  - 3 business incubators
  - 6 technology centres
- 1,000+ companies
  - € 1.8+ bn revenues
  - 16,000+ employes
  - 6,500 students
Continuous Growth in Adlershof

Status 12/2014:
16,000 Jobs
135 New Companies
The „Adlershof System“

- Big scientific cluster
- Clear technology profile
- Support of entrepreneurs
- Systematic incubation
- Excellent infrastructure
- Soft landing services
- Networking
- Management and governance
- Long-term planning

Resident companies in Adlershof

2003: 663
2014: >1000
Our key scientific subjects – 3000 researchers

Energy

Optical Sciences

Material Sciences

Mobility research

Renewable Energies

Microsystem Technology

Analytical Sciences

Space Research
The Adlershof Profile: Sci Tech

Photonics und optics
Renewable energies and photovoltaics
Microsystems and materials
IT and media
Biotechnology and environmental technologies
Systematic incubation system – Plug & Work

**Preseed/Seed**
>20 start-ups/a

**Incubation**
90 early growth

**Growth**
>350 companies

**Expansion**
>20 building projects

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University Research Institutes Companies
IGZ/OWZ
Technology centers
Fully developed properties in close proximity
Infrastructure Technology Centers – 150,000m²
Modern high-tech infrastructure for small and medium-sized companies
Co-operative neighbourhood - our renewable energy cluster as of 12/2014
IRIS Adlershof - Integrative Research Institute for the Sciences

Research Areas

- Interdisciplinary research on new hybrid materials and systems with completely new optical, electronical, mechanical and chemical properties.
- Fundamental research on the structure and dynamics of matter on extreme longitudinal and time scales.
Humboldt-ProMINT-Kolleg

Subjects

- Didactical research and development of new curricula for teachers in science
- Linking the disciplines

Cooperation partners:
School of Analytical Sciences Adlershof (SALSA)

Subject

- Graduate education in an interactive and multidisciplinary way
- Linking physics, analytical and physical chemistry, synthetical organic and anorganical chemistry, biology, modelling and didactical approaches
Special research area SFB 951: Hybrid Inorganic/Organic Systems for Opto-Electronics (HIOS)

Research:
Novel hybrid materials, consisting of anorganical semi-conductors, conjugated organical molecules and metallical nanostructures.

Goal:
Creating complex hybrid systems with fundamentally improved and completely new opto-electronical properties.
Innovation Network Advanced Materials – IAM

A new project (2016 – 2018) creating a new network with strong national and international partners

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New analytical methods

Goal/Subjects:

- Synthesis of new referential and calibrating standards for the development of analytical processes for contaminations in food and animal feed.
- Development of isotope based markers as standards for LC-MS/MS.

Cooperation partner

ASCA GmbH, BAM
Ferdinand Braun-Institut – Brilliance Fab Berlin

Subject
- Ferdinand-Braun-Institut (FBH) and chinesischen company Sino Nitride Semiconductor CO., LTD (SNS) had a cooperation
- Brilliance Fab Berlin GmbH (BFB) was founded as spin-off in May 2013.
- BFB develops semiconductor laser technology created in FBH for industrial use

Project partners
Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik and Brilliance Fab Berlin GmbH & Co. KG
Inter company cooperation

Subject

Joining forces for the development of electro-optical components

Project partners
AEMtec GmbH, opTricon GmbH
AIM – Adlershof Innovation Management

**Subject**
Bundling of know-how regarding "Areas of Innovation"

Joint projects in planning, development and coaching of campuses and science parks.

**Projektpartner**
WISTA-MANAGEMENT GMBH
Institute for Geography Humboldt-Universität zu Berlin
Successful startups

1989

IFG Institute for Scientific Instruments

Röntec

ZWG

1999

Bruker

SENTECH

1999

LLA Instruments GmbH

2009

Fischer

LTB LASERTECHNIK BERLIN

2009

Eagleyard Photonics

ZOS

Leibniz Ferdinand Braun Institut

2009

Toptica Photonics

TU Berlin

2019

Jenoptik

2019

Lumics

2019

Scansonic

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Successful startups

1989  1999  2009  today  2019

BiosQuant  PicoQuant  exceet

SIEMENS  Infineon  AEMtec  C2GO  EZconn

optTricon  Ezconn Europe GmbH

Prod. to Czech Rep. And China

greateyes  Icegateway

HIGHYAG  Lasertechnologie

photonic tools

Adlershof. Science at Work.
Adlershof today: Private investment is dominant

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Let's talk