Welcome at the University of Ulm!

U. Stadtmüller, July 30, 2012
Ulm Highlights

• Cathedral with highest spire in the world
• Birthplace of most famous scientist of last century
• Region of worldwide eldest sculptures

Albert Einstein (1879 – 1955)
Muenster Cathedral (1377, 161.4 m)
Ivory Lion Man (36000 y, 30 cm)
Ulm University


~8,700 students (35% in medicine), 12% international, 200 professors, ~77 Mio. Euro third-party funding

Campus integrated in Science City Ulm including several hospitals and applied research institutes and two business parks with Daimler, Siemens, and Nokia

In 2011:
1369 Graduates (Bachelor, Master)
426 Doctorate Degrees
41 Habilitation Degrees
### Study Programs

#### Deutschsprachige Studiengänge

<table>
<thead>
<tr>
<th>Programme of study in German</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elektrotechnik</td>
<td>Bachelor/Master</td>
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<tr>
<td>Informationssystemtechnik</td>
<td>Bachelor/Master</td>
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<tr>
<td>Informatik</td>
<td>Bachelor/Master/Lehramt</td>
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<tr>
<td>Medieninformatik</td>
<td>Bachelor/Master</td>
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<tr>
<td>Software Engineering</td>
<td>Bachelor</td>
</tr>
<tr>
<td>Psychologie</td>
<td>Bachelor</td>
</tr>
<tr>
<td>Mathematik</td>
<td>Bachelor/Master/Lehramt</td>
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<tr>
<td>Mathematische Biometrie</td>
<td>Bachelor</td>
</tr>
<tr>
<td>Wirtschaftsmathematik</td>
<td>Bachelor/Master</td>
</tr>
<tr>
<td>Wirtschaftswissenschaften</td>
<td>Bachelor/Master</td>
</tr>
<tr>
<td>Humanmedizin</td>
<td>Staatsexamen</td>
</tr>
<tr>
<td>Molekulare Medizin</td>
<td>Bachelor</td>
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<tr>
<td>Zahnmedizin</td>
<td>Staatsexamen</td>
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<tr>
<td>Biochemie</td>
<td>Bachelor/Master</td>
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<tr>
<td>Biologie</td>
<td>Bachelor/Lehramt</td>
</tr>
<tr>
<td>Chemie</td>
<td>Bachelor/Master/Lehramt</td>
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<tr>
<td>Wirtschaftschemie</td>
<td>Bachelor/Master</td>
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<tr>
<td>Pharmazeutische Biotechnologie</td>
<td>Master</td>
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<tr>
<td>Physik</td>
<td>Bachelor/Master/Lehramt</td>
</tr>
<tr>
<td>Wirtschaftsphysik</td>
<td>Bachelor/Master</td>
</tr>
</tbody>
</table>

#### Englischsprachige Studiengänge

<table>
<thead>
<tr>
<th>Programme of study in English</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications Technology</td>
<td>Master</td>
</tr>
<tr>
<td>Finance</td>
<td>Master</td>
</tr>
<tr>
<td>Molecular Medicine</td>
<td>Master/PhD-Programme</td>
</tr>
<tr>
<td>Advanced Oncology</td>
<td>Master</td>
</tr>
<tr>
<td>Advanced Materials</td>
<td>Master</td>
</tr>
<tr>
<td>Energy Science and Technology</td>
<td>Master</td>
</tr>
<tr>
<td>Biology</td>
<td>Master</td>
</tr>
</tbody>
</table>

#### Fakultät

- Ingenieurwissenschaften und Informatik
  - Engineering and Computer Science
- Mathematik und Wirtschaftswissenschaften
  - Mathematics and Economics
- Medizin
  - Medicine
- Naturwissenschaften
  - Natural Sciences

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**WS 2011/2012:**

Start **Bachelor Computational Science and Engineering** *(together with Hochschule Ulm)* as well as **Master Psychology**

Bachelor-Master-Programs generally started in WS 2007/2008!
Well Focused Teaching and Research Profile

- Medicine, Dentistry, Molecular Medicine
- Biology, Physics, Chemistry
- Electrical Engineering, Computer Science, Psychology
- Mathematics, Economics, Business Mathematics

4 Faculties

- Medicine
  - (2996)
- Natural Sciences
  - (2025)
- Engineering and Computer Sciences
  - (1775)
- Mathematics and Economics
  - (1965)

Students WS 2011/12: 8761
Foreign Students: 12 %
Research Foci

Energy Conversion and Storage

Hematology/Oncology

Aging/Degeneration and Regeneration

Risk Management and Insurance

Man Machine Interaction

Quantum Science and Technology
Collaborate Research (Examples)

- 3 Collaborative Research Centers
- 4 Clinical Research Units (3 DFG, 1 BMBF)
- 4 DFG Research Units
- 5 Graduate Colleges, including the International Graduate School in Molecular Medicine Ulm
- 8 Emmy Noether Programs
- 2 ERC Starting Grants
- 1 Humboldt, 1 Paul, and 5 Leibniz Professors

Endowed Professorships

- 10 Professorship positions sponsored by industry
Helmholtz Institute Ulm (HIU)
Electrochemical Energy Storage for Battery Research

Cooperation of Karlsruhe Institute of Technology (KIT), University of Ulm, Centre for Solar Energy and Hydrogen Research Ulm (ZSW) and German Aerospace Center (DLR) in the field of battery research

Research Topics:
Battery Materials
Electrochemistry
Modelling
Battery Systems
Start: 01.01.2011!

HIU Building
~2400 m², cost ~12 Mio. €,
under Construction
completion in 2013
Ulm: Bright Views and Opportunities!

Thank you for your attention!