Introduction to DTU Nutech – Center for Nuclear Technologies

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Introduction to DTU Nutech – Center for Nuclear Technologies

Jens-Peter Lynov
Director
Technical University of Denmark

(Founded 1829; first rector H.C. Ørsted)

Key figures

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total students</td>
<td>~8,500</td>
</tr>
<tr>
<td>including Ph.D.</td>
<td>1,100</td>
</tr>
<tr>
<td>and Int. M.Sc.</td>
<td>400</td>
</tr>
<tr>
<td>Research publications</td>
<td>3,600</td>
</tr>
</tbody>
</table>

Ranking

Leiden Ranking 2013:

- no. 1 in Scandinavia
- no. 7 in Europe

DTU Nutech, Technical University of Denmark
Key figures

- Approx. 80 staff (30 scientists)
- Budget 2013 in million DKR
  - Total income 70,0
  - Basis from DTU 14,4 (21%)
  - Commercial income 42,7 (61%)
  - Scientific Programs 7,2 (10%)
  - Internal sale 5,8 (8 %)
Organization

Director

Radioecology  Radiation Physics  Hevesy Laboratory  Mechanical Workshop
Medical and industrial dosimetry

Reference laboratory
Dose mapping and verification

In-vivo dosimetry
Reference dosimetry
... Clinical applications
Retrospective dosimetry

Users/Applications

Planetary chronology
Climate Change on Earth and Mars

Archaeology
Human evolution/migration

Accident Dosimetry
Health

Forensic Dosimetry
Terrorism
Hevesy Laboratory
Daily production of radioactive drugs
Have a nice stay at DTU Nutech!