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>Total students</th>
<th>~8,500</th>
</tr>
</thead>
<tbody>
<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
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

DTU Nutech, Technical University of Denmark
Hevesy Laboratory

Daily production of radioactive drugs
Have a nice stay at DTU Nutech!