Introduction to DTU Nutech – Center for Nuclear Technologies

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Introduction to DTU Nutech – Center for Nuclear Technologies

Jens-Peter Lynov
Director
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(Founded 1829; first rector H.C. Ørsted)

Key figures

- Total students ~8,500
- Including Ph.D. 1,100
- And Int. M.Sc. 400
- Research publications 3,600

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