

Technical University of Denmark



Introduction to DTU Nutech – Center for Nuclear Technologies

Lynov, Jens-Peter

Publication date:
2013

[Link back to DTU Orbit](#)

Citation (APA):

Lynov, J-P. (2013). Introduction to DTU Nutech – Center for Nuclear Technologies [Sound/Visual production (digital)]. NKS Workshop on Radioanalytical Chemistry, Roskilde, Denmark, 02/09/2013, http://www.nks.org/en/seminars/presentations/nks-b_radioanalysis_workshop_2-6_september_2013.htm

DTU Library

Technical Information Center of Denmark

General rights

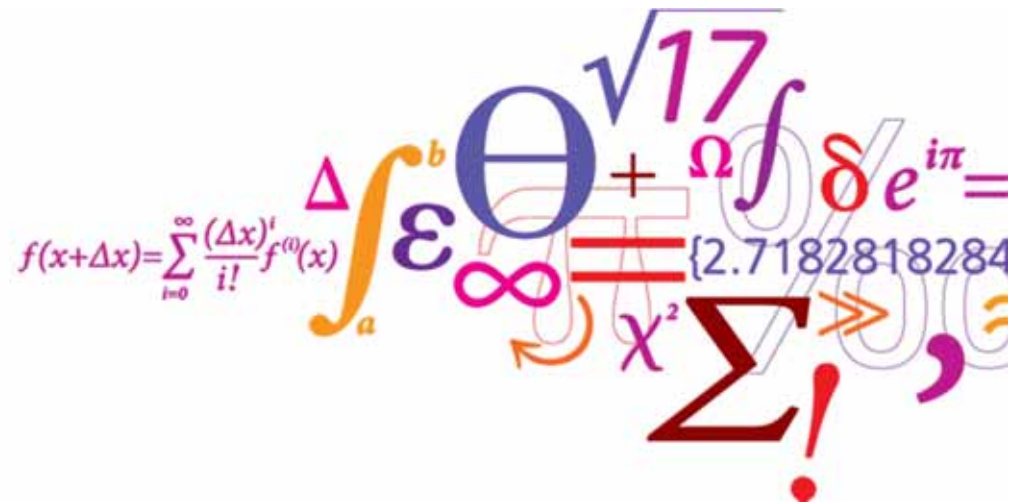
Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

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

Total students	~8.500
including Ph.D.	1.100
and Int. M.Sc.	400
Research publications	3.600

Ranking

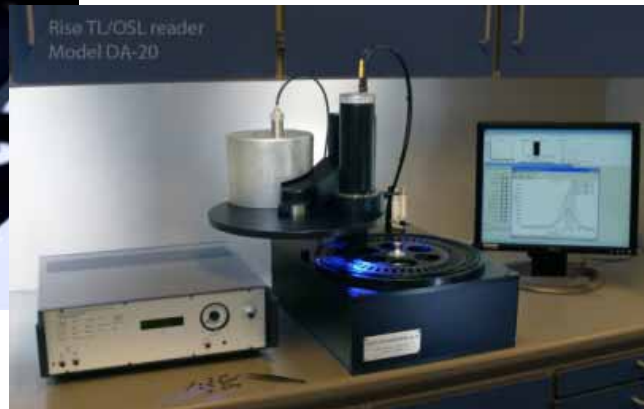
Leiden Ranking 2013:
no. 1 in Scandinavia
no. 7 in Europe



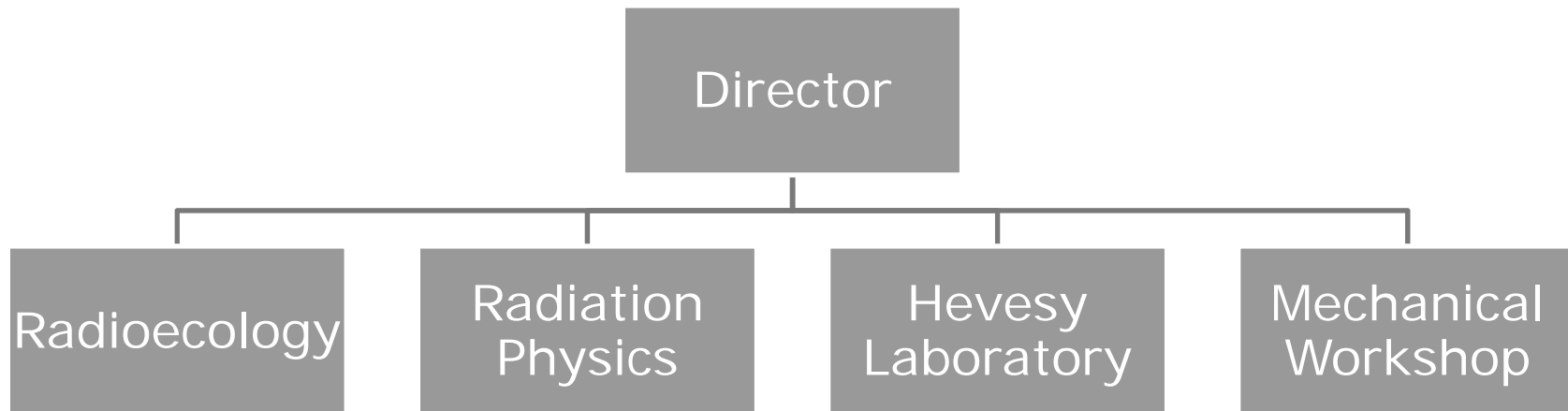
Key figures

- 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 %)



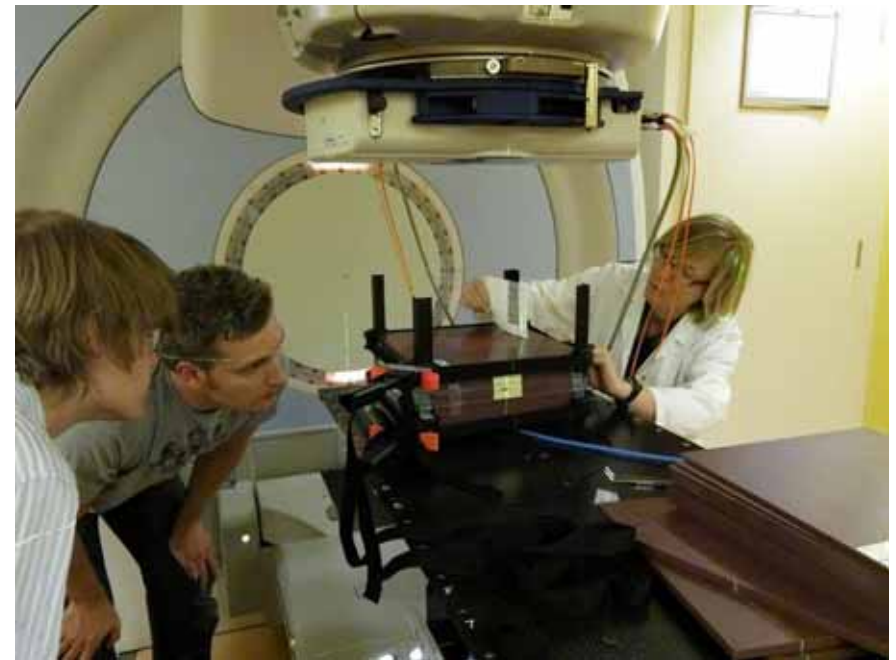
Organization



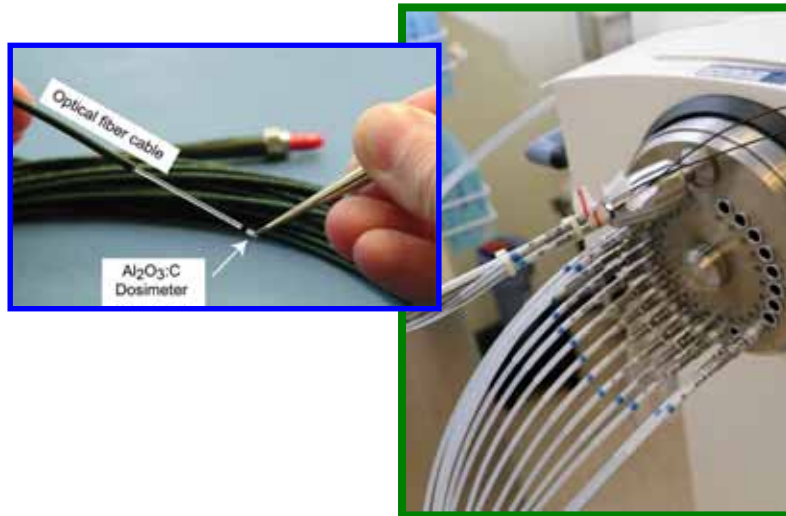
Medical and industrial dosimetry



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

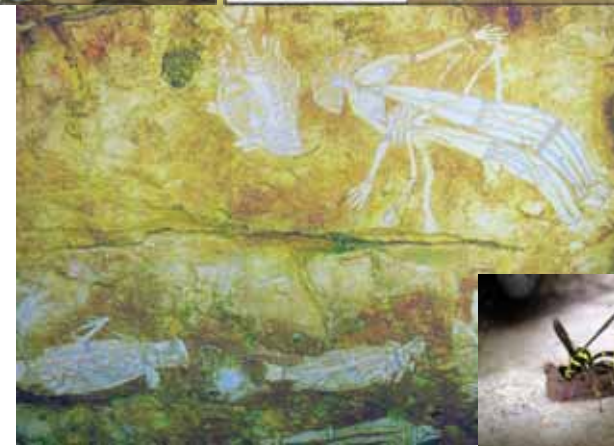
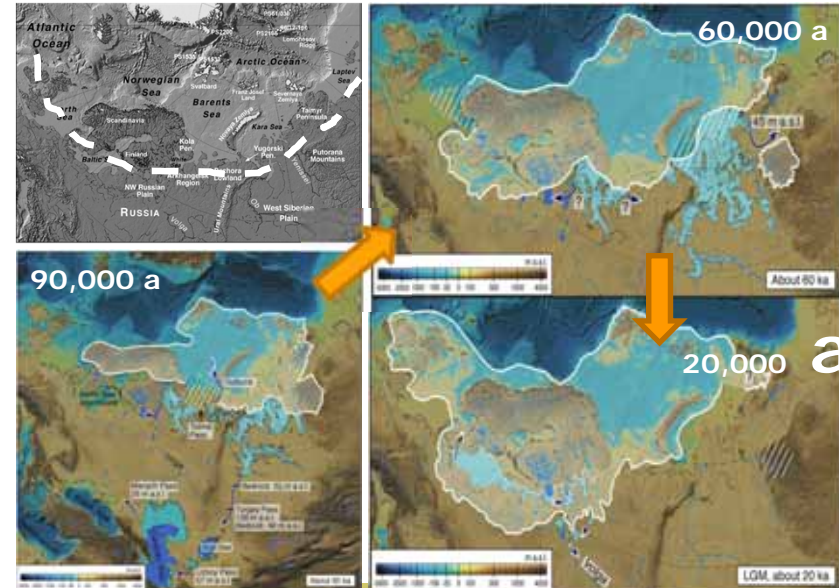
Human evolution/migration

Accident Dosimetry

Health

Forensic Dosimetry

Terrorism



Hevesy Laboratory

Daily production of radioactive drugs



ol

Have a nice stay at DTU Nutech!

