

## Travel information

### By public transport

The LUMC is at walking distance from the **north side of railway station Leiden Central**. All regional busses to Leiden stop at the railway station.

### By own transport *(Route description for motorists)*

#### From Rotterdam (A13, A4):

Follow the A13 and then the A4 towards Amsterdam till exit 6a (Zoeterwoude-Rijndijk, Leiden-Oost). At the end of the exit to the left. At the end of the road to the right. Follow the sign: "H-Ziekenhuizen".

#### From Utrecht (A12, N11):

Take at the A12 near Bodegraven exit Leiden (N11). At the end of the N11 to the right. Follow the sign "H-Ziekenhuizen".

#### From Den Haag (N44, A44):

Follow from Den Haag the N44 (later on A44) till exit 8 (Leiden, Noordwijk, Katwijk) and at the end of the exit to the right. Follow the sign: "H-Ziekenhuizen".

#### From Amsterdam (A4, A44):

From Amsterdam follow A4 southbound till intersection Burgerveen. From here follow the A44 towards exit 8 (Leiden, Noordwijk, Katwijk, N206). From the exit to the left under the viaduct. Follow the sign: "H-Ziekenhuizen".

## Short Info

### Subject?

Dosimetry

### When?

Friday October 19, 2007  
(Registration from 8:45 h)

### Where?

Leids Universitair Medisch Centrum Gebouw 1  
(main building), college zaal 1  
(follow directions from main entrance)  
Albinusdreef 2  
2333 ZA Leiden



### Map?

Look at [maps.google.nl](http://maps.google.nl) and search with:  
*albinusdreef 2, leiden*

## Contact

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## Fifth NCS Lustrum Symposium

# Radiation dosimetry in Medicine: State of the art in 2007



*Morspoort & brug Morssingel, Leiden*

**Friday October 19, 2007**

Leids Universitair Medisch Centrum  
Leiden

[www.ncs-dos.org/symposium](http://www.ncs-dos.org/symposium)

Organized by the Netherlands  
Commission on Radiation Dosimetry

# Radiation dosimetry in Medicine: State of the art in 2007

The **Nederlandse Commissie voor Stralingsdosimetrie** (NCS, Netherlands Commission on Radiation Dosimetry) was officially established on September 3, 1982 with the aim of promoting the appropriate use of dosimetry of ionizing radiation for both scientific research and practical applications. During the last 25 years the NCS has pursued this aim and has issued a total number of 16 reports. The majority of these sixteen reports were connected with dosimetry in medicine.

Dosimetry of ionising radiation has always been essential in radiation protection, radiobiology, radiotherapy, nuclear medicine and radiology. Evolution over time has taken these areas to a level of high accuracy and advanced technology. After 25 years, it is appropriate to provide an overview of current activities.

During the fifth lustrum symposium of the NCS some of the NCS subcommittees will outline their activities and results. Moreover, some new areas in radiation dosimetry will be presented.

## Organizing Committee

**Prof.dr. S. Vynckier**  
**Dr. A.J.J. Bos**  
**Prof.dr. A.A. Lammertsma**  
**Prof.dr. B.J.M. Heijmen**  
**Mr D. Zweers RT**

## Programme

### 8:45 – 9:50 Registration & Coffee / tea

- 09:50 Chairman's introduction  
*S. Vynckier*
- 10:00 History and development of the NCS code of practice for dosimetry in high-energy photon and electrons beams  
*A.H.L. Aalbers*
- 10:25 Dosimetry in radiology: radiation protection of patient and workers  
*J. Zoetelief*

### 10:50 – 11:20 Coffee / tea

- 11:20 Towards recommendations for quality control of low-photon-energy emitting seeds in brachytherapy  
*A. Rijnders*
- 11:45 Monte Carlo treatment planning: theory and practice  
*N. Reynaert*
- 12:10 Reference values in radiology  
*J.G. van Unnik*

### 12:35 – 14:00 Lunch

- 14:00 IPEM recommendations on small-field dosimetry: a forthcoming report  
*H. Palmans*
- 14:25 Revisiting film dosimetry in radiation therapy  
*C. de Wagter*
- 14:50 Radiation exposure as a result of PET/CT  
*G.J. Kemerink*

### 15:15 – 15:45 Coffee / tea

- 15:45 Code of practice for individual monitoring of radiological workers with protective clothing  
*F.W. Schultz*
- 16:10 Registration of radiation protection experts in the Netherlands  
*J.A.M.M. Kops*

### 16:35 Drinks

## Registration

Registration is only possible on-line via

[www.ncs-dos.org/symposium](http://www.ncs-dos.org/symposium)

Registration fee:

Early registration (before September 19)	€ 60,-
Late registration (after September 19)	€ 75,-
Students	€ 30,-
On site i.e. at the registration desk ( <i>cash only</i> )	€ 100,-

Fee includes:

Registration  
Special NCS-report including lustrum proceedings  
Lunch  
Coffee / tea  
Drinks (after the symposium)

### Payment registration fee

For Dutch participants  
ABN-AMRO account No 51.70.64.332  
Stg Ned Comm v Stralingsdos  
Mentioning: name of the participant +  
5<sup>th</sup> Lustrum Symposium

For Belgian participants  
Dexia Bank account  
NCS Lustrum  
No: 777-5973632-60  
Mentioning: name of the participant +  
5<sup>th</sup> Lustrum Symposium

To complete registration, receipt of the payment is required.