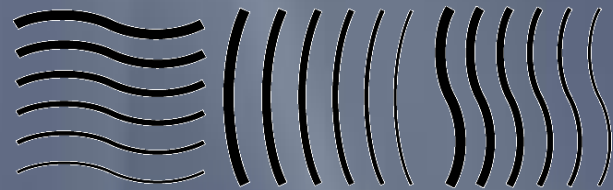


Amsterdam  
27 October 2017



# Seventh NCS Lustrum

## *Proton Therapy*

### Welcome!

It is our pleasure to invite you to attend the 7<sup>th</sup> NCS lustrum in Amsterdam, 27 October 2017.

Thirty five years ago, the “Nederlandse Commissie voor Stralingsdosimetrie” (NCS, [radiationdosimetry.org](http://radiationdosimetry.org)) has been established with the aim to promote the appropriate use of dosimetry of ionizing radiation throughout the Netherlands and Belgium. Since its foundation, over 27 NCS reports have been published. The scientific set-up and the coherence of the NCS reports have proven to be highly appreciated worldwide with more than a thousand downloads for each of the top three reports.

In the last and coming years, the NCS subcommittees have become more internationally oriented and increasingly diverse in composition. Medical doctors, linac engineers and (Medical) Physicists of varying subspecialties and countries are now jointly collaborating in NCS subcommittees. In addition, the NCS platform is ever more active in practical legal issues. The most recent achievement is the upcoming legal embedding of the shielding factor for protective clothing in radiology, as comprehensively substantiated in NCS 19.

This could not have been done without the enthusiastic help of all volunteers. Thank you all!

The theme for the 7<sup>th</sup> NCS lustrum is “Proton Therapy”, a continuously developing and exciting field. Various practical issues regarding proton therapy will be discussed. The diversity of the program should provide all participants with new ideas and new insight regarding the pros and cons of proton therapy.

The NCS board wishes you all a stimulating day, with lots of time for fruitful discussions in the last session.

On behalf of the Board of the NCS,  
Jeroen van de Kamer



Venue: Planetarium  
Kromwijkdreef 11  
1108 JA Amsterdam  
<http://www.planetariumamsterdam.nl>  
020 - 651 85 85

Registration:  
<http://radiationdosimetry.org/ncs/seventh-ncs-lustrum>  
Early registration: € 90,- before 15 September  
Late registration: € 120,-



Venue: Planetarium  
Kromwijkdreef 11  
1108 JA Amsterdam  
<http://www.planetariumamsterdam.nl>  
020 - 651 85 85

## Seventh NCS Lustrum, 27 October 2017

### Proton Therapy

09.45 – 10.15	Registration and coffee/tea	
10.15 – 10.20	Welcome and introduction	Dr. Jeroen van de Kamer <i>NKI-AVL</i>
10.20 – 10.45	Overview proton therapy	Prof. dr. Marco van Vulpen <i>HollandPTC</i>
10.45 – 11.10	Out-of-field radiation risks in paediatric proton therapy	Dr. Charlot Vandevoorde <i>iThema LABS, Somerset West, South Africa/Universiteit Gent</i>
11.10 – 11.35	Reducing radiotherapy toxicity using protons: Insights from normal tissue radiobiology	Dr. Peter van Luijk <i>UMCG</i>
11.35 – 12.00	Dosimetry in PBS	Dr. Séverine Rosomme & Dr. Carles Gomà <i>KU Leuven</i>
12.00 – 13.15	Lunch break	
13.15 – 13.40	Dual-energy CT for proton therapy	Ms. Isabel Pinheiro de Almeida <i>Maastru Clinic</i>
13.40 – 14.05	Relative dosimetry for scanned pencil beam proton therapy	Dr. Petra Trnkova, <i>Holland PTC, Erasmus MC</i>
14.05 – 14.30	MR-guided proton therapy: current status and beyond	Dr. Aswin Hoffmann <i>Helmholtz-Zentrum Dresden-Rossendorf, Dresden Universitätsklinikum an der TU Dresden</i>
14.30 – 14.55	Tea break	
14.55 – 15.20	Clinical application of proton beam therapy	Prof. dr. Coen Rasch <i>AMC</i>
15.20 – 15.55	Radiation protection in a proton therapy facility	Ms. Pieterneel van der Tol <i>HollandPTC</i>
15.55 – 16.15	Overview NCS subcommittees	Dr. Jeroen van de Kamer
16.15 – 16.20	Closing remarks	Dr. Jeroen van de Kamer
16.20 – 18.00	Discussion & drinks	All participants