Foreword

It is our pleasure to invite you to attend the 8th NCS lustrum in Utrecht, 4 November 2022.

Forty years ago, the “Nederlandse Commissie voor Stralingsdosimetrie” (NCS, 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, almost 35 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 dealing with practical legal issues.

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

The theme for the 8th NCS lustrum is “Radiation Protection in Full Colours”, dealing with a continuously developing and exciting field. Various practical issues regarding radiation safety will be discussed as can be seen in the program.

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

On behalf of the Board of the NCS, Jeroen van de Kamer and Geert Pittomvils

Programme

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<th>Time</th>
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<td>9:45</td>
<td>Registration and Coffee/tea</td>
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| 10.15 – 10.20 | Welcome and introduction  
Jeroen van de Kamer       |
| 10:20 – 10:45 | Nuclear Accidents  
Jasper Tomas       |
| 10:45 – 11:10 | From Incident to Prospects for Action  
Barbara Godthelp       |
| 11:10 – 11:35 | Integrated Environmental Monitoring in War and Peace  
Geert Biemanns       |
| 11:35 – 12:00 | Dosimetry in Pulsed Fields of Ionizing Radiation: Challenges, Reference Fields and Standardization  
Hayo Zutz       |
Gido Gouloose       |
| 13:40 – 14:05 | Radiation Dosimetry and Hygiene Challenges in a Nuclear Reactor  
Tessa de Vries       |
| 14:05 – 14:30 | Low Dose Exposure: Need for Updating the LNT-model  
Fieke Dekkers       |
| 14:30 – 14:55 | Occupational Dosimetry: the Approved Dosimetry Service Perspective  
Tom Grimbergen       |
| 15:20 – 15:55 | Radiation Hygiene in Interventional Radiology Practice  
Michiel de Haan       |
| 15:55 – 16:20 | Radiation Safety for 177Lu-PSMA Therapy: Clinical Introduction  
Steffie Peters       |
| 16:20 – 16:45 | Overview NCS Subcommittees  
Geert Pittomvils       |
| 16:45 – 17:00 | Closing Remarks  
Geert Pittomvils       |
| 17:00 – 18:00 | Discussion & Drinks  
All participants       |