

## **Invitation**

### **Scientific Symposium**

## **Photon-counting CT – Status evaluation after 1 year of clinical routine**

In collaboration with Siemens Healthineers

Thursday 30 March 2023 ▪ Provinciehuis Leuven ▪ 13:00 – 19:30

Prof. Dr. Chantal Van Ongeval and the UZ Leuven Medical Imaging department have the pleasure to invite you to the first symposium addressing photon-counting CT technology.

In 2021, NAETOM Alpha started to redefine CT. The FDA called it the “first major imaging device advancement for computed tomography in nearly a decade”. UZ Leuven was one of the **first hospitals worldwide to install this unique CT with Quantum Technology**. Today, the world’s first photon-counting CT is already being used in clinical routine in more than 50 locations around the world.

After one year of clinical routine usage within different disciplines, we can start making first evaluations. **Is photon-counting technology changing the game in medical imaging?** Let’s ask national and international clinical experts about their first experiences and find out on Thursday 30<sup>th</sup> March!

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### **Preliminary program**

#### ***Accreditation points are requested***

13:00 *Welcome and sandwich lunch*

*Moderator: prof. dr. Chantal Van Ongeval*

14:00 *Photon-counting CT: technical principles, clinical & dose advantages*  
*Bernhard Schmidt, PhD (Senior Manager R&D CT Siemens Healthineers)*

14:30 *New horizons in cardiovascular imaging with photon-counting detector CT*  
*prof. dr. Hatem Alkadhi (Universitätsspital Zürich)*

15:00 *Coffee Break*

15:30 *Photon-counting CT in thoracic imaging*  
*dr. Emanuele Muscogiuri (UZ Leuven)*

15:45 *Photon-counting CT in vascular imaging*  
*dr. Eveline Claus (UZ Leuven)*

16:15 *Considerations for radioprotection + PCCT in pediatric imaging*  
*Joke Binst and dr. Ione Limantoro (UZ Leuven)*

16:45 *Coffee Break*

17:15 *Photon-counting CT for musculoskeletal and neuroimaging: the way forward?!*  
*Ronald Booi, PhD (Erasmus MC Rotterdam)*

17:45 *Photon-counting CT, potential for contrast reduction  
team Walter Coudyzer (UZ Leuven)*

18:00 *Q&A and wrap-up*

18:30 *Networking drink with appetizers*




→ [Register here \(no participation fee\)](#)

FANC accreditation has been requested.

Accreditation with RIZIV has been requested, n° 23006560

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## Practical

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|  Date         | Thursday 30 <sup>th</sup> March   13:00 – 19:30              |
|  Venue        | Provinciehuis Vlaams-Brabant   Provincieplein 1, 3010 Leuven |
|  Registration | <a href="#">online registration form</a>                     |

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