



GHENT
Belgium

March 23-25



ECCN
14th edition
2026

EUROPEAN
CONFERENCE ON
CLINICAL
NEUROIMAGING

// PROGRAM //

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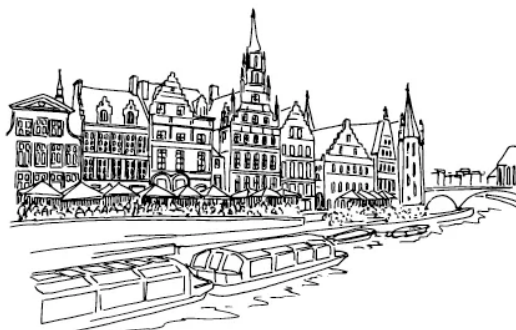
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We're pleased to announce that the 14th European Conference on Clinical Neuroimaging **has been granted 13.5** European CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®)

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Welcome Words ●

The 14th European Conference on Clinical Neuroimaging (ECCN, March 23rd-25th, 2026) will bring together clinicians and researchers with a focus on neurology and neuroimaging. We will discuss new technologies and how these will impact the clinical field.

Besides a great scientific program, the location of this year will allow you to visit Ghent, a magnificent and vivid historical city. It is known for its picturesque canals and cobblestone streets, castle and old churches and its the house of a prized 15th century painting 'The mystic lamb' that is currently restored.

We look forward seeing you in Ghent to discuss the science and opportunities of neuroimaging in this historical and vivid city.

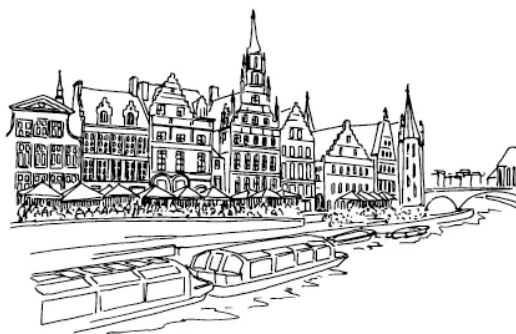
Donatienne Van Weehaeghe,

Nuclear medicine physician, Department of Radiology and Nuclear Medicine (UZ Gent)

Chair neuro-imaging committee European Association of Nuclear Medicine (EANM)

Franck Semah,

Professor, Head of Imaging Department, University Hospital of LILLE, France



Scientific Committee

Donatienne Van Weehaeghe (Gent, Belgium)

Franck Semah (Lille, France)

Yves D'Asseler (Ghent, Belgium)

Paul Boon (Ghent, Belgium)

Evelien Carette (UZ Ghent, Belgium)

Veerle De Herdt (Ghent, Belgium)

Stefaan Vandenberghe (Ghent, Belgium)

Koen Van Laere (Leuven, Belgium)

Javier Arbizu (Pamplona, Spain)

Henryk Barthel (Leipzig, Germany)

Matthias Brendel (Munich, Germany)

Diego Cecchin (Padova, Italy)

Francesco Fraioli (London, UK)

Pablo Aguiar Fernández (Santiago de Compostela, Spain)

Valentina Garibotto (Geneva, Switzerland)

Eric Guedj (Marseille, France)

Silvia Morbelli (Genoa, Italy)

Felix Mottaghy (Aachen, Germany)

Nelleke Tolboom (Utrecht, Netherlands)

Tatjana Traub-Weidinger (Vienna, Austria)

Antoine Verger (Nancy, France)

Igor Yakushev (Munich, Germany)

General information .



Registration and Congress secretariat

Name badges can be collected from the registration desk located by the conference room



Certificates of attendance

Your certificate of attendance will be sent by email after the event.



Wireless connection

A free wireless internet connection will be available.



Photography and recording of programs

The ECCN strictly prohibits all unauthorized photography, audio and/or videotaping during the meeting.

Congress venue



Congress Venue:

The congress will take place at the **Saint Peter's Abbey.**

Sint-Pietersabdij
Sint-Pietersplein 9
9000 Gent, Belgium



Congress secretariat
ANT CONGRES
Montpellier, France

eccn-congress@ant-congres.com



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Overview

MONDAY 23	9:15 AM	10:00 AM	10:30 AM	12:00 PM
	REGISTRATION & COFFEE 	WELCOME	LECTURE SESSION 1 	GENERAL DISCUSSION
	12:30 PM	1:30 PM	3:00 PM	3:30 PM
	LUNCH 	ORAL COMMUNICATION SESSION 1 	END OF THE CONFERENCE	NETWORKING EVENT

TUESDAY 24	8:15 AM	8:45 AM	10:05 AM	10:35 AM
	REGISTRATION	ORAL COMMUNICATION SESSION 2 	COFFEE BREAK 	LECTURE SESSION 2 
	12:05 PM	1:10 PM	2:40 PM	3:10 PM
	LUNCH 	LECTURE SESSION 3 	SATELLITE SYMPOSIUM 	COFFEE BREAK 
	3:25 PM	5:05 PM	5:35 PM	
	ORAL COMMUNICATION SESSION 3 	SPECIAL FOCUS SESSION 	AWARDS CEREMONY	

Wednesday 25	8:15 AM	8:45 AM	10:15 AM	10:30 AM
	REGISTRATION	LECTURE SESSION 4 	COFFEE BREAK 	ORAL COMMUNICATION SESSION 4 
	12:00 PM	1:00 PM	2:20 PM	
	LUNCH 	ORAL COMMUNICATION SESSION 5 	CONCLUSION	

Program

Monday, 23rd March

09:15 - 10:00 AM **Registration with a Welcome Coffee**

10:00 - 10:30 AM **Welcome**

10:30 AM-12:00 PM **Lecture session 1: Novel disease modifying drugs in Alzheimer Disease**

Chairs : Marta Scarioni, Igor Yakushev

10:30-11:00 AM **Clinical perspective**

Bernard Hanseeuw (Belgium)

11:00-11:30 AM **Amyloid-related imaging abnormalities (ARIA)**

Tiago Gil Rodrigues Oliveira (Portugal)

11:30 AM-12:00 PM **How can amyloid and tau PET scans contribute to the anti-amyloid therapy start and follow-up?**

Silvia Morbelli (Italy)

12:00-12:30 PM **General Discussion**

12:30-1:30 PM **Lunch**

1:30-3:00 PM **Oral Communication Session 1: On the spectrum of cognitive disturbances.**

Chairs : Yves D'Asseler, Marjan Acou

1:30-1:40 PM **Multimodal meta-analysis of brain integrity in disorders of consciousness**

Arianna Sala

1:40-1:50 PM **Dual phase tau PET imaging to characterise and assess prognosis of patients in a memory clinic**

Débora Elisa Peretti

1:50-2:00 PM **Functional Connectivity Breakdown Between Default Mode and Attentional Networks as a Mechanism of Cognitive Vulnerability Across the Lifespan**

Diego Martin Lombardo

2:00-2:10 PM **Ultra-high resolution 18F-FDG PET imaging of the Papez circuit in patients with cognitive disorders**

Hélène Goesseye

2:10-2:20 PM **Sex-Specific Alterations of Metabolic Connectivity in Subjective Cognitive Decline**

Matilde Nerattini

2:20-2:30 PM **Progression rates to tau-PET positivity and cognitive impairment risk in preclinical Alzheimer's disease**

Stamatia Karagianni

Monday, 23rd March

Program

2:30-2:40 PM	Navigating the Brain: Associations Between Tau Pathology and Spatial Navigation in early Alzheimer's Disease <i>Tineke Van Vrekhem</i>
2:40-2:50 PM	Temporal Consistency in Neuroimaging: How Intensity Normalization Affects Longitudinal Hippocampal Atrophy Measurement in Dementia <i>Oishi Deb</i>
2:50-3:00 PM	Reference Region Normalization Outperforms Data-Driven Approaches in [18F]FDG PET of Dementia with Lewy Bodies <i>Antoine Rogeau</i>
3:30-6:00 PM	Networking Event – Registration Required (Fully Booked) <i>This event requires prior registration and is now fully booked. If you're unsure whether you registered, please check your badge for confirmation.</i>

Program

Tuesday, 24th March

8:15-8:45 AM

Registration

8:45 – 10:05 AM

Oral Communication Session 2: Movement Disorders and Traumatic Brain Injuries

Chairs: Evelien Carrette, Ian Law

8:45 – 8:55 AM

Persistent Male Cholinergic Vulnerability in De Novo Parkinson's Disease: Longitudinal Insights from Clinical and Cholinergic Molecular Imaging

Eline De Meyer

8:55 – 9:05 AM

PET imaging of presynaptic protein SV2A with [11C]UCB-J and [18F]SynVesT-1: a head-to-head comparison in people with Huntington's disease and controls

Jolien Van Opstal

9:05 – 9:15 AM

Imaging of presynaptic terminals with [18F]SynVesT-1 PET in premanifest Huntington's disease

Jolien Van Opstal

9:15 – 9:25 AM

Clinical Utility of [123I]loflupane (DATSCAN) in Guiding Dopaminergic Therapy for Parkinsonism

José Pedro Escalreira

9:25 – 9:35 AM

Cognitive impairment in individuals with chronic spinal cord injury: a Flanker task-based fMRI study

Jothini Sritharan

9:35 – 9:45 AM

Initial evaluation of 18F-AV133 imaging on the NeuroEXPLORER PET/CT brain scanner for Parkinson's Disease

Lily Porat

9:45 – 9:55 AM

Parametric imaging of [18F]PE2I uptake in the substantia nigra pars compacta with NeuroEXPLORER PET

Louis Versweyveld

9:55 – 10:05 AM

Parietal Regional Homogeneity Predicts Recovery Outcomes in Older Patients with Mild Traumatic Brain Injury

Yadong Liu

10:05 – 10:35 AM

Coffee Break

10:35 AM – 12:05 PM

Lecture session 2: Epilepsy

Chairs: Paul Boon, Débora Peretti

10:35 – 11:05 AM

How can neuroimaging aid the clinician?

Alfred Meurs (Belgium)

11:05 – 11:35 AM

Nuclear medicine to find the culprit.

Alexander Hammers (The UK)

Program

Tuesday, 24th March

11:35 AM – 12:05 PM

Novel MRI techniques to find the culprit.

Roland Wiest (The UK)

12:05 – 1:10 PM

Lunch

1:10 – 2:40 PM

Lecture session 3: Technical innovations in nuclear medicine

Chairs: Donatienne Van Weehaeghe, Felix Mottagy

1:10 – 1:40 PM

Ultra-high resolution brain PET imaging with the NeuroEXPLORER in a research and clinical context.

Koen Van Laere (Belgium)

1:40 – 2:10 PM

Whole body PET.

Stefaan Vandenberghe (Belgium)

2:10 – 2:40 PM

Artificial intelligence.

Lara Cavinato (Italy)

2:40 – 3:10 PM

Satellite Symposium

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3:10 – 3:25 PM

Coffee Break

3:25 – 5:05 PM

Oral Communication Session 3: Novel techniques and neuroimaging go hand in hand

Chairs: Koen Van Laere, Eva Genbrugge

3:25 – 3:35 PM

Effects of a Deep Learning-Based Noise Reduction Algorithm on Visual Analysis and Centiloid Quantification in Amyloid PET Imaging with a Reduced Dose

Antoine Verger

3:35 – 3:45 PM

[18F]-Flutemetamol across acquisition timeframes: Clinical Interpretability Combining Visual Read and Centiloids

Ariane Bollack

3:45 – 3:55 PM

Effects of motion and white matter hyperintensities on reference-region ¹⁸F-SynVest-1 quantification in Alzheimer's disease and healthy volunteers

Charles Carron

3:55 – 4:05 PM

Age-related alterations in resting-state EEG microstate dynamics across adulthood

Ebru Yildirim

4:05 – 4:15 PM

Non-invasive measurement of cerebrovascular reactivity using 15O-water PET

Elin Bäck

Program

Tuesday, 24th March

4:15 – 4:25 PM

Shortening Vizamyl amyloid PET acquisition time: optimal reconstruction parameters and effect on Centiloids

Emile Balot

4:25 – 4:35 PM

Simultaneous multiple post-labelling delay ASL MRI and [18F]FDG PET in a mixed memory clinic population and healthy controls.

Otto Mølby Henriksen

4:35 – 4:45 PM

Uncovering Hidden Learning Dynamics in Deep Learning Models for Alzheimer's and MCI MRI Using Statistical Complexity.

Seyi Olabisi Omotoso

4:45 – 4:55 PM

Reducing scan time using 18F Florbetaben Amyloid Brain PET imaging with Digital PET-CT Scanners

Beverley Holman

4:55 – 5:05 PM

Differential effects of hypercapnia on cerebral vascular reactivity and glucose metabolism

Vanbutsele Thibault

5:05 – 5:35 PM

Special Focus Session

5:05-5:35 PM

The role of AI in Alzheimer Disease.

Dirk Smeets, PhD, Brussel University, Belgium

5:35 – 5:50 PM

Awards Ceremony

Chairs: Franck Semah, Donatienne Van Weehaeghe

Program

Wednesday, 25th March

8:15 – 8:45 AM **Registration**

8:45 – 10:15 AM **Lecture Session 4: Cerebral Amyloid Angiopathy (CAA) and vasculopathy**

Chairs: Veerle De Herdt, Paolo Vitali

8:45 – 9:15 AM **Short and long term consequences of CAA and vasculopathy.**
Marco Pasi (France)

9:15 – 9:45 AM **MRI in CAA and vasculopathy.**
Paolo Vitali (Italy)

9:45 – 10:15 AM **Diagnostic value of amyloid and FDG PET in CAA.**
Jean-Claude Baron (France)

10:15 – 10:30 AM **Coffee Break**

10:30 AM – 12:00 PM **Oral Communication Session 4: Amino-acid and neurotransmitter systems visualized**

Chairs: Rik Achten, Antoine Verger

10:30 – 10:40 AM **Spatial correlation between 68Ga-FAPI, 18F-FET uptake, and MRI makers of aggressiveness in glioblastoma**
Amélie Castiaux

10:40 – 10:50 AM **Amino acid PET imaging to monitor mIDH inhibitor treatments in patients with refractory IDH-mutant gliomas**
Antoine Verger

10:50 – 11:00 AM **Microvascular physiology in glioma using dynamic [18F]FET LAFOV PET/CT and Tikhonov model-free deconvolution**
Ian Law

11:00 – 11:10 AM **Longitudinal brain metabolism changes map distinct neuromodulatory networks in autoimmune encephalitis**
Federico Massa

11:10 – 11:20 AM **Quantitative [18F]FET PET for Pituitary Neuroendocrine Tumours (PitNET): A Case-Control Study Comparing Pathologically Confirmed functional PitNETs with the normal pituitary gland**
Ilanah Prais

11:20 – 11:30 AM **Uncovering Hidden Prognostic Phenotypes in Glioblastoma: A Composite-Parameter Radiomic Stratification Framework for Equitable AI**
Nicholas Laflamme

11:30 – 11:40 AM **In-vivo imaging and quantification of central noradrenaline transporters using [¹¹C]MRB PET/MRI in adults with ADHD and emotional dysregulation**
Nicole Mauche

Program

Wednesday, 25th March

11:40 – 11:50 AM

The confounding effects of microvascular physiology on the uptake and diagnostic accuracy of [18F]fluoroethyl-tyrosine positron emission tomography in patients with glioma
Otto Mølby Henriksen

11:50 AM – 12:00 PM

Enhancing PitNET Diagnosis: The Role of [18F]FET PET
Valerie De Meulenaere

12:00 – 1:00 PM

Lunch

1:00 – 2:20 PM

Oral Communication Session 5: Neuroimaging potpourri: a bit of everything
Chairs: Lisbeth Marnar, Stefaan Vandenberghe

1:00 – 1:10 PM

Brain FDG-PET, guiding treatment in a complex case
Sarah Herdewyn

1:10 – 1:20 PM

PET reconstruction harmonisation using a Hoffman phantom for longitudinal plausibility in an Alzheimer's study
Boniface Hugo

1:20 – 1:30 PM

Current Trends and Challenges in Clinical Neuroimaging in Cameroon
Ekotto Staecy Brenda

1:30 – 1:40 PM

Frontal meningoencephalocele as a cause of super-refractory status epilepticus: a unique case report
Kato Van Rooy

1:40 – 1:50 PM

Feasibility of Transcranial Ultrasound Stimulation (TUS) to the M1 hand area with MRI-guided targeting and a flexible water-balloon coupling system.
Lisa Van Thuyne

1:50 – 2:00 PM

Unsupervised clustering for non-invasive TSPO PET imaging of neuroinflammation
Marina Rodriguez Rodriguez

2:00 – 2:10 PM

First clinical experiences with the ultra-fast time-of-flight BIOGRAPH One next generation hybrid PET/MRI system
Otto Mølby Henriksen

2:10 – 2:20 PM

Effects of Voxel Size, VOI Dimensions, and PSF Correction on PET IDIF Accuracy in a Carotid Phantom as Measured with the NeuroExplorer.
Valentina Turmacu

2:20 – 2:50 PM

Conclusion

Symposium Details

Tuesday, March 24th

2:40 – 3:10 PM

Satellite Symposium — Lantheus

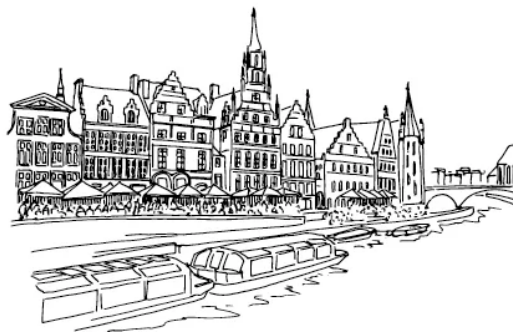
Chair: Gerard Bischof



LANTHEUS

Amyloid-PET vs. Fluid Biomarkers in Management of Disease-Modification

Prof. Dr Alex Drzezga, Department of Nuclear Medicine, University Clinica Cologne (Germany)



/// PROGRAM ///

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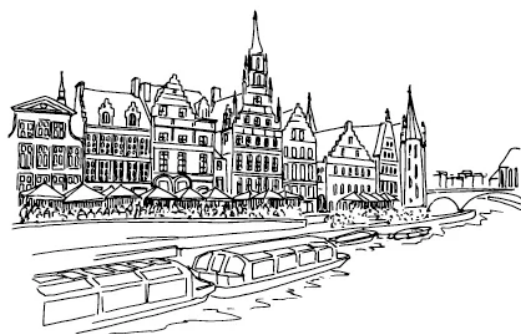
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Notes

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