

XII Turku PET Symposium



**28–31 May 2011
Turku, Finland**

<http://congress.utu.fi/turkupet2011>

SECOND ANNOUNCEMENT

Turku PET Symposium

Organising committee

Dear Colleagues,

It gives us great pleasure to invite you to Finland to participate in the XII Turku PET Symposium, which is going to be held on 28 – 31 May 2011 in Turku, Finland.

The Symposium is targeted to all investigators and staff working with cyclotrons, PET radiochemistry and modelling, as well as PET imaging. Attendance should be particularly useful to those who are new to the field or want to broaden their understanding of the rapidly developing research applications of PET.

This meeting has a tradition of over 30 years and the programme covers the whole field from cyclotrons to clinical applications of PET and multimodality imaging. The scientific programme consists of plenary lectures, free papers and posters.

In addition, there will be special sessions for software developers and technologists.

Looking forward to seeing you in Turku!

Yours sincerely,

Juhani Knuuti

Professor
Chairman of the Organising Committee

Tove Grönroos

Adjunct professor
Scientific Secretary

Juhani Knuuti
Chairman

Tove Grönroos
Scientific secretary

Eveliina Arponen
Jörgen Bergman
Heidi Betlehem
Olli Eskola
Sarita Forsback
Merja Haaparanta-Solin
Jarna Hannukainen
Semi Helin
Sven-Johan Heselius
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Jussi Hirvonen
Patricia Iozzo
Jarkko Johansson
Mirja Jyrkinen
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Gaber Komar
Anna Kirjavainen
Nina Lauren
Päivi Marjamäki
Tarja Marttila
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Vesa Oikonen
Anniina Pakkanen
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Antti Saraste
Nina Savisto
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Sanna Suominen
Hannu Sipilä
Olof Solin
Mika Teräs
Tuula Tolvanen
Kirsti Tornainen
Kirsi Virtanen

SECOND ANNOUNCEMENT

SYMPOSIUM PROGRAMME

Saturday May 28

18.00 Get-Together Party/Gadolin lecture
Registration

Sunday May 29

8.00 Registration

9.00-12.15 Radionuclide Production and Radiochemistry

9.00-9.30 Future of accelerator based radionuclide production – David Schlyer, US

9.30-10.00 Recent advances in ^{18}F -radiochemistry – Veronique Gouverneur, UK

10.00-10.30 An industry view on development of PET tracers – Jindy Luthra, UK

10.30-11.00 Coffee and posters

11.00-11.30 Rational design of new tracers – Albert Windhorst, NL

11.30-11.45 Free oral presentation

11.45-12.00 Free oral presentation

12.00-12.15 Free oral presentation

12.15 Lunch
Posters

13.15-16.15 Instrumentation and modelling

13.15-13.45 Whole body PET/MRI, where are we? – Bernd Pichler, DE

13.45-14.15 New innovations and factors affecting quantitation in PET/CT – Paul Kinahan, US

14.15-14.45 Modelling a novel tracer: checklist – Ronald Boellaard, NL

14.45-15.15 Coffee and posters

15.15-15.45 Differences and similarities in modelling of different organs – Hidehiro Iida, JP

15.45-16.00 Free oral presentation

16.00-16.15 Free oral presentation

10.30-12.10 Technologist Session

10.30-10.50 Manufacture/preparation of radiopharmaceuticals: GMP-guidelines – Kristine Salminen, FI

10.50-11.10 Working in a cleanroom – Riikka Kivelä, FI

11.10-11.30 Quality control of ^{15}O -labelled radiowater – Emilia Puhakka, FI

11.30-11.50 Production of ^{68}Ga -labelled tracers – Henri Sipilä and Pauliina Luoto, FI

11.50-12.10 New clinical tracers - New challenges – Marko Seppänen, FI

12.15 Lunch
Posters

13.15-15.00 Technologist session continues

13.15-13.35 Basics of PET/CT and SPECT/CT imaging – Tommi Noponen, FI

13.35-13.55 Fusion imaging in practice – Heidi Betlehem, FI

13.55-14.15 PET/CT images in radiotherapy planning – Nina Lindholm and Sami Suilamo, FI

14.15-14.35 Integrated PET/MR Imaging: A status update – Ronald Borra, US

14.45 Coffee and posters

9.00-10.30 Software Session I

Medical imaging software: showcasing the state of the art

Sauna Party

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SYMPOSIUM

PROGRAMME

Monday May 30

8.30-12.00 Preclinical Imaging

- 8.30-9.00 Logistics of operating a small animal imaging center – David Stout, US
- 9.00-9.30 In vivo PET quantification of the dopaminergic system in mice: potentials and limitations – Kristina Fisher, DE
- 9.30-9.45 Free oral presentation
- 9.45-10.00 Free oral presentation

10.00-10.30 Coffee and posters

- 10.30-11.00 Animal models in translational research – Marion de Jong, NL
- 11.00-11.30 Imaging of stem cells and gene expression – Frank Bengel, DE
- 11.30-11.45 Free oral presentation
- 11.45-12.00 Free oral presentation

10.30-12.00

Software Session 2

Standardising methods in image analysis

12.00 Lunch Posters

13.00-14.30 Oncology

- 13.00-13.30 Radiolabelled antibodies in oncologic PET imaging – Thijs Oude Munnink, NL
- 13.30-14.00 ⁶⁸Ga-labelled peptides in somatostatin receptor positive tumours – Stefano Fanti, IT
- 14.00-14.15 Free oral presentation
- 14.15-14.30 Free oral presentation

14.30-15.30 Coffee and posters

15.30-17.00 Cardiology

- 15.30-16.00 Cardiovascular molecular imaging: new targets and approaches – Frank Bengel, DE
- 16.00-16.30 PET and PET/CT in clinical cardiology – Rob Beanlands, CA
- 16.30-16.45 Free oral presentation
- 16.45-17.00 Free oral presentation

Congress Banquet

Tuesday May 31

8.30-10.00 Molecular Imaging in Endocrinology

- 8.30-9.00 Past and present of FDG in metabolic studies – Patricia Iozzo, IT
- 9.00-9.30 Imaging fatty acid metabolism – Tim DeGrado, US
- 9.30-9.45 Free oral presentation
- 9.45-10.00 Free oral presentation

10.00-10.30 Coffee and posters

10.30-12.15 Neurotransmission

- 10.30-11.05 Imaging in affective neurosciences – Jon-Kar Zubieta, US
- 11.05-11.40 Current challenges in the use of PET in CNS drug development – Lars Farde, SE
- 11.40-12.15 Cannabinoid receptors in neurodegeneration and psychiatric disorders – Koen Van Laere, NL

12.15 Lunch Posters

13.15-15.15 GMP in commercial PET tracer production

- 13.15-13.45 Setting up for multi-center clinical trials in PET – Ole Hjelstuen, NO
- 13.45-14.15 TBD –
- 14.15-14.45 EMA/FIMEA's view on commercial PET tracer production – Kristine Salminen, FI
- 14.45-15.00 Discussion

15.00-15.15 Closing of the symposium

Juhani Knuuti,
Chairman of the Organising Committee

13.15-15.15 Software Session 3 Developers session

GENERAL INFORMATION

Travelling and Weather

Turku is within easy reach by air via Helsinki (Finnair), Stockholm (SAS), or Copenhagen (SAS). From Helsinki-Vantaa airport, there is also a shuttle bus to Turku (2.5 hours, departures every hour). From Stockholm you may choose to travel to Turku on a ferry through one of the most beautiful archipelagos in the world. Daily connections between Stockholm and Turku are operated by Silja Line and Viking Line. For more information about Turku and travel connections, please consult the website of Turku Touring (www.turkutouring.fi).

Weather forecasts for Turku can be found on the websites of the Finnish Meteorological Institute and Foreca.

Venue and Accommodation

The symposium venue, ICT building of the Turku Science Park, is within walking distance from the city centre and from the symposium hotels. Accommodation reservations can be made on the registration form found at the Symposium website in December 2010.

Registration

Registration will be opened in December 2010. For further information, please see the Symposium website.

Exhibition

A commercial exhibition will be held during the Symposium. For further information, please contact the Congress Office.

Abstract Submission

Abstract submission will be opened in December 2010. We welcome abstracts for oral and poster presentations. Abstracts are submitted electronically via the submission system on the Symposium website. The deadline for submission is February 28, 2011. All accepted abstracts will be printed in the Abstract Book. The number of abstracts per author is not limited.

Young Investigator Award

The five best papers submitted as free presentations will be awarded with free congress participation and a diploma. The criteria for participation are:

- Under the age of 35 at the time of the Congress
- PhD student or equivalent
- The candidate must be the first author of the paper

Software Sessions

We invite all software developers working with PET image analysis, radiochemistry, instrumentation, modelling, and data management to submit an abstract for poster or oral presentation of their work. The authors of the most interesting abstracts will be called to present their work in one of three Software Sessions. The sessions provide opportunities to meet other developers and possible collaborators.

The Symposium also hosts a competition for anyone working on tumour segmentation (visit turkupetcentre.net/contouringchallenge for details).

Gadolin Award

We will grant a Gadolin Award for outstanding achievement in the area of radiochemistry. The Award includes a lecture to be held in the context of the opening ceremony.

Social Programme

The Turku PET Symposium will start with a Gadolin Award lecture followed by a Get-Together Party on Saturday evening. Come and meet old friends and make new ones. A light dinner and refreshments will be served.

A traditional and very popular Sauna Party will be held on Sunday evening in Naantali at Metsä-Jukola. During the evening you can bathe in the sauna, enjoy the beautiful scenery of the archipelago, and take part in different outdoor games. Buffet dinner is included.

The congress Banquet on Monday evening will be held at the VPK-talo (Station of volunteer fire-brigade).

Turku 2011

Turku is the European Capital of Culture 2011. For further information please visit <http://www.turku2011.fi/en>.

Further Information

Updated information is available on the Symposium website. All correspondence concerning registration, payments, travelling, or accommodation should be directed to the Congress Office. Further information about the scientific programme can be obtained from the Scientific Secretary of the Symposium, Dr. Tove Grönroos (tovgro@utu.fi)

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