

## ANNUAL REPORT 2015

The Nordic Association for Clinical Physics (NACP) was founded in 1962. The last and final general assembly of the NACP was held on June 10<sup>th</sup> 2004. At this meeting the NACP was reorganised, got a new constitution, and since then the NACP is an umbrella organisation for the five Nordic Medical physics societies.

According to the constitution, the Annual Report shall be prepared by the president, approved by the council and sent to the presidents of the national member organisations (NMO). This Annual Report includes the year 2015, and was approved after the first council meeting in 2016.

### Aims and purposes of the NACP

- a) To foster and co-ordinate the activities of the Nordic member organisations in the field of clinical physics in all its aspects.
- b) To establish relationships and collaboration where appropriate with national, regional and international societies and bodies in the fields related to clinical physics.
- c) To improve the standard of clinical physics activities within the Nordic countries.
- d) To promote Nordic co-operation within the field of clinical physics in scientific work, developments and education.
- e) To promote the exchange of scientific information on clinical physics and related fields of science.
- f) To recommend standards for education, training and accreditation programmes within the fields of clinical physics.
- g) To encourage scholarships and the exchange of scientific experts within appropriate fields.

### The NACP strategy

The council has decided to establish a structure for the organisation based on need and simplicity. This means we will not start any activity without explaining why this activity is within the aims and purposes for the NACP. It also means we will try to make a “self-driven” organisation where the council plan, organise and make decisions and where task groups do most of the scientific and practical work. We will work towards making a solid foundation for a prosperous Nordic Association for Clinical Physics.

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#### NACP COUNCIL 2015:

President: Asger Greval Petersen • Secretary: Cathrine Jonsson • Treasurer: Mika Teräs  
Webmaster: Sigrun Saur Almberg • Delegate: Gardar Myrdal

Committees: Radiological Physics Committee, Nuclear Medicine Physics Committee, Scientific Committee

Address: NACP c/o Sigrun Saur Almberg, Radiotherapy Department, St. Olavs Hospital, Olav Kyrres gt. 17, N-7006 Trondheim, Norway  
www.nacp-nordisk.org E-mail: NACP-webmaster@nacp-nordisk.org

### The council of the NACP:

From June 2015 the council has consisted of:

President:	Asger Greval Petersen	Danish Society for Medical Physics
Secretary:	Cathrine Jonsson with (during Cathrine's leave) Sigrun Saur Almberg	Swedish Society for Radiation Physics  Norwegian Association of Medical Physics
Treasurer:	Mika Teräs	Finnish Association of Medical Physicists
Webmaster:	Sigrun Saur Almberg	Norwegian Association of Medical Physics
Delegate:	Gardar Myrdal	Icelandic Society of Biomedical Engineering and Medical Physics

### Work within the council:

The council had 5 meetings in 2015; in March, May, September, November and December. Three council meetings were telephone meetings lasting usually for less than 2 hours. The meeting in May was held in Reykjavik where the facilities for Medical Physics in Iceland was presented, and the meeting in November was held in Oslo with the participation of the NMO presidents.

The president prepared agendas for the meetings. Minutes were taken by the secretary. Approved minutes can be found on our password protected web-pages. The secretary also sent the minutes to the presidents of the NMOs.

It is important that each NMO continue their responsibility to appoint delegates to the council.

In 2015 the council has worked on the following tasks:

- The future of the NACP including organizing the work in the council
- Organizing the 4th official NACP Symposium in Oslo 6.-8. February 2017
- Awards: the Varian-NACP grant and the Elekta-NACP grant
- Supporting the NACP Radiological Physics Committee
- Supporting the NACP Nuclear Medicine Committee
- Continuing cooperation with Acta Oncologica
- Continuing negotiations with a similar cooperation with Acta Radiologica
- Website matters

Some results of this work can be seen by visiting the NACP website: [www.nacp-nordisk.org](http://www.nacp-nordisk.org)

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## The future of the NACP including organizing the work within the council

The main purpose of the NACP Council meeting in Oslo with the NMO Presidents was to discuss the future of the NACP, to clarify the needs and expectations from the NMO's to the NACP Council and back, and in the process evaluate and adjust the "NACP List of Duties" including a "rotating list" for tasks within NACP. This document is upgraded continuously and is a valuable help in the council work.

The meeting was very fruitful, and an updated "NACP List of Duties" was produced.

The meeting furthermore led to the clarification, that NACP is an umbrella organization for the national Scientific Societies, and not the Union societies. This could include work in discussing the training of Medical physicists in the Nordic Countries, the CPD system and so on. The NACP could preferably collect scientific arrangements in the Nordic countries and present them on the web-pages.

It was decided, that every third year there will be a joint General Assembly with the NMO presidents and the NACP council members.

It was also decided that activities should be hosted locally and that only the NACP grants will continue to be hosted by the NACP account.

## Grants

The NACP has established a cooperation with both Varian and Elekta in order to support clinically working physicists in the field of radiation therapy and to encourage research and development in the field. Each grant is 3500 Euro.

### **VARIAN-NACP grant**

The Varian-NACP grant was established in 2005, and has deadline for application on March 01<sup>st</sup> each year. The grant was originally given to promote and strengthen the relations and cooperation between Nordic and American physicists.

Unfortunately, Varian made changes in their compliance program, and NACP had to apply to Varian centrally for the Varian-NACP grant to continue.

The rules administered by The Silicon Valley Community Foundation for receiving and spending the Grant money from Varian lead to a very long accreditation process of the NACP to be able to continue the Varian NACP Grant, so the Varian Grant 2015 had to be cancelled.

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New terms for receiving and spending the Varian Grant money has been negotiated, and the Varian NACP Grant will be reactivated in 2016 with the curious result, that the grant money can be used to activities in any country in the world except America.

## ELEKTA-NACP grant

The Elekta-NACP grant was established in 2012, and has deadline for application November 1<sup>st</sup> each year.

- *Winner 2015:* The winner of the 2015 Elekta-NACP grant was Juha Korhonen, Physicist, PhD, HUCH Cancer Center, Helsinki University Central Hospital

A well-established system of criteria (relevance, up-todateness, originality and usefulness) for selecting the winner of the NACP grants was used.

From May 2014 the members of the NACP Scientific Committee were as shown in the table below.

Field	Finland	Sweden	Norway	Denmark
<b>Radiation therapy</b>	Simo Hyödynmaa	Per Nilsson	Jan Heggdal	Mette Skovhus Thomsen (Secretary)
<b>Nuclear medicine</b>	Mika Teräs	Michael Ljungberg	Marianne Leirdal Stokkan	Søren Baarsgaard Hansen
<b>Radiology/MRI</b>	Miika Nieminen	Annette Fransson Andreo	Samuel Kuttner	Jolanta Hansen

## The NACP Radiological Physics Committee (RPC)

Hans-Erik Källman (Sweden) and Anne Catrine Martinsen (Norway) initiated the Radiological Physics Committee in 2009. The group started their work in 2010 and the present members are:

Ivanka Sojat Tarp (chairperson/secretary), Denmark

Anja Almén, Sweden

Eivind Larsen, Norway

Heli Larjava, Finland

In 2015 the RPC arranged the course 'The tools of a medical physicist - understanding phantoms and software' in Aalborg Denmark (22.-24.5.2015).

To read more on RPC activities visit their home pages linked from the NACP pages.

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## The NACP Nuclear Medicine Physics Committee (NMPC)

In 2014 the NMPC was initiated. They have created their own web site, a link can be found in the NACP web site. The first event will be the course “PET imaging and Radiotracer production” which is going to be held in Kuopio Finland, May 16.-17.

## Establishing cooperation with Acta Oncologica and Acta Radiologica

ACTA will possibly sponsor the NACP 2017 Symposium in Oslo the same way as in Århus 2008, Uppsala 2011, and Turku 2014.

ACTA Radiologica will make a special issue, supplement for the conference and sponsor some of the invited lecturers.

## Website matters

New pages were launched in 2013 and during year 2015 organizing information and the use of password protection has been discussed. The archive page will for now continue to be password protected and will continuously be updated by the webmaster.

## Future strategies

The council continues to discuss the following strategies for the future:

- Initiation of a NACP dosimetry task group
- Initiation of a NACP-financed grant
- Co-operation with Acta Oncologica and Acta Radiologica
- Common job advertisement on the NACP web-pages
- Further develop the web pages
- Organisation of the NACP2017 Symposium in Oslo, Norway

## Account

The NACP (organisation number 802400-5343) have at its disposal a bank account in Handelsbanken (Solna, SWEDEN). Cathrine Jonsson, the treasurer until May 2014, has transferred the right to make withdrawals from the account to Anders Tingberg.

Transactions in SEK, during 2015:

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	Date	Withdrawal	Deposit	Balance	EUR
Balance	31.12.2014			88524.97	
Business bank package	2.1.2015	1250.00		87274.97	
NACP-Varian grant (incl adm fee) for 2016!	4.12.2015	45623.46		132898.43	
NACP-Elekta grant (incl adm fee) for 2015	28.12.2015	36670.00		169568.43	4000
Balance	31.12.2015			169568.43	

The amount on the account 2015-12-31 was: 169568,43 SEK

**Aalborg, April 2<sup>nd</sup>, 2016**

Asger Greval Petersen  
President

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