

## ANNUAL REPORT 2016

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 2016, and was approved after the first council meeting in 2018.

### 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 2016:

President: Asger Greval Petersen • Secretary: Anders Tingberg • Treasurer: Mika Teräs  
Webmaster: Marianne Leirdal Stokkan • Delegate: Gardar Myrdal

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

Address: NACP c/o Anders Tingberg, Strålningsfysik, Skånes universitetssjukhus, 205 02 Malmö, Sweden  
www.nacp-nordisk.org E-mail: anders.tingberg@med.lu.se

### The council of the NACP:

From February 2016 the council has consisted of:

President:	Asger Greval Petersen	Danish Society for Medical Physics
Secretary:	Anders Tingberg	Swedish Society for Radiation Physics
Treasurer:	Mika Teräs	Finnish Association of Medical Physicists
Webmaster:	Marianne Leirdal Stokkan	Norwegian Association of Medical Physics
Delegate:	Gardar Myrdal	Icelandic Society of Biomedical Engineering and Medical Physics

### Work within the council:

The council had 4 meetings in 2016; in March, June, September and December. Three council meetings were telephone meetings lasting usually for less than 2 hours. The meeting in June was held in Lund where the facilities for Medical Physics at Lund University Hospital was presented.

The president prepared agendas for the meetings. The secretary took minutes. 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 2016 the council has worked on the following tasks:

- Organizing the 4th official NACP Symposium in Oslo 6.-8. February 2017
- Establishing a new NACP Symposium Travel Grant
- 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)

### 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.

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## **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 has been postponed in 2015 due to negotiations with The Silicon Valley Community Foundation for receiving and spending the Grant money from Varian. Fortunately an agreement has been made, and the Varian-NACP Grant has been reactivated in 2016.

The Grant winner for 2016 is Mari Partanen from Tampere University Hospital, Finland.

## **ELEKTA-NACP grant**

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

No Grant Winner was appointed for 2016.

## **NACP Symposium Travel Grant**

In 2016 a new Grant has been established by the NACP Council “The NACP Symposium travel grant” funded by the NACP. The aim of the grant is to support members of the National Member Organisations from Nordic countries to participate in the NACP Symposium, by covering a part of the travel expenses (travel and accommodation).

The Grant money depend on the number of Grant winners. In 2016, the Grant was 500€.

8 Grant winners was selected, to travel to the 2017 NACP Symposium in Oslo:

- Emely Lindblom, Sweden
- Oscar Ardenfors, Sweden
- Jakob Ödén, Sweden
- Oscar Casares Magaz, Denmark
- Jenny Gorgisyan, Denmark
- Mari Partanen, Finland
- Pauliina Wright, Finland

## Scientific Committee

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

The members of the 2016 NACP Scientific Committee are listed 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. Most committee members have changed in 2016. The members are:

Andreas Österlund, Sweden, chairperson/secretary (replaced Anja Almén)

Heli Larjava, Finland (replaced Paula Toroi)

Daniel Aadnevik, Norway, (replaced Eivind Larsen)

Ahmed Jibril Abdi, Denmark (replaced Ivanka Sojat Tarp)

The Committee has conducted 6 telephone meetings in 2016 approximately 1 hour each, and are planning a course in 2017 together with the NMPC.

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

## The NACP Nuclear Medicine Physics Committee (NMPC)

The NMPC was initiated in 2014. The members of the Committee in 2016 were:

Poul-Erik Braad, Denmark

Mikko Hakulinen, Sweden

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Jan Axelsson, Norway  
 Maria Tunset Grinde (until December 2016)  
 Caroline Stokke (from August 2016)

The Committee has conducted 2 telephone meetings in 2016, and are planning a course in 2017 together with the RPC.

To read more on the NMPC, visit their home pages linked from the NACP pages.

### Establishing cooperation with Acta Oncologica and Acta Radiologica

ACTA Oncologica 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 have during 2016 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
- Co-operation with Acta Oncologica and Acta Radiologica
- Common job advertisement on the NACP web-pages
- Further develop the web pages
- Organisation of the NACP 2020 Symposium in Reykjavik, Iceland

### 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 Tingdal.

The account will be transferred to Denmark after the NACP 2017 Symposium, where Denmark will hold the treasurer post in the Council according to The List of Duties.

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**Aalborg, January 26 , 2018**

Asger Greval Petersen  
President 2014-2016

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