

## ANNUAL REPORT 2019

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 2019, and was approved after the third council meeting in 2020.

### 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.

## The council of the NACP:

From January 2019 the council has consisted of:

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

## Work within the council:

The council had 4 meetings in 2019; in March, June, September and December. The meeting in March took place in Copenhagen and the representatives of the NMOs were invited as well. The meeting in June was in Helsinki, hosted by Toni Ihalainen. Asger Greval Petersen was present in Helsinki and other council members participated remotely.

The president prepared agendas for the meetings. The secretary took minutes. Approved minutes can be found on our 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 2019 the council has worked on the following tasks:

- Organizing the 5th official NACP Symposium to be held in Reykjavik in 2020.
- Supporting the NACP Radiological Physics Committee
- Supporting the NACP Nuclear Medicine Committee
- Re-establishing the Varian grant
- Continuing cooperation with Acta Oncologica and Acta Radiologica
- Website matters
- Bank account arrangements
- Discussing the MPE staffing level proposals by IAEA and EFOMP

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

## NACP Symposium 10-12 May 2020 in Reykjavik

In the meeting in March, Kirsten Nygaard Bolstad, the president of the organizing committee, presented the status of the arrangements. The council gave some comments on the arrangements, especially about increasing the weight of radiation therapy in the program, and keeping the costs for single participant under control. Scientific program was released in the autumn 2019 and registration started.

# NACP

**Nordic Association for Clinical Physics**

An umbrella organisation for: Danish Society for Medical Physics • Finnish Association of Medical Physicists • Icelandic Society of Biomedical Engineering and Medical Physics • Norwegian Association of Medical Physics • Swedish Society of Radiation Physics

---

## 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.

### **VARIAN-NACP grant**

The Varian-NACP grant was established in 2005. The Grant was 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, the Varian-NACP Grant was reactivated in 2016. The Grant winner for 2016 was Mari Partanen from Tampere University Hospital, Finland. The connection with Varian and The Silicon Valley Community Foundation was lost again when trying to establish continuation for the grant and thus no Grant was opened in 2018. The work for a new application for grant 2019 was successful, largely thanks to negotiations by former NACP secretary Mika Teräs. The announcement of a \$2500 grant was released in November 2019 and the deadline for applications was in December; however, no applications fulfilling the criteria were received, and the application deadline was postponed until January 2020. (The winner was Dr. Eero Hippeläinen from Helsinki, Finland.)

### **ELEKTA-NACP grant**

The Elekta-NACP grant was established in 2012. Unfortunately Elekta didn't support the grant in 2019.

### **NACP Travel grants**

The council announced possibility to apply for travel grants á EUR 500 for NACP 2020 symposium. The 10 grant winners were:

Anja Einebærholm Aarberg, Bergen, Norway

John Alfred Brennsæter, Bergen, Norway

Kristine Fjellanger, Bergen, Norway

Lauri Koivula, Helsinki, Finland

Mari Partanen, Tampere, Finland

Miia Pitkonen, Helsinki, Finland

Iiro-Verner Ranta, Turku, Finland

Aleksi Saikkonen, Turku, Finland

Reetta Siekkinen, Turku, Finland

Petter Wilke, Malmö, Sweden

---

NACP COUNCIL 2017 : President: Marianne Leirdal Stokkan • Secretary: Toni Ihalainen • Treasurer: Asger Greval Petersen  
Webmaster: Anders Tingberg • Delegate: Gardar Myrdal •

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

Address: NACP c/o Toni Ihalainen, HUS Medical Imaging Center, P.O. Box 442, 00029 HUS, Finland  
www.nacp-nordisk.org E-mail: NACP-webmaster@nacp-nordisk.org

## Scientific Committee

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 2019 NACP Scientific Committee are listed in the table below

Field	Finland	Sweden	Norway	Denmark
<b>Radiation therapy</b>	Simo Hyödynmaa	Per Nilsson	Jan Heggdal	Stine S. Korreman
<b>Nuclear medicine</b>	Mika Teräs	Michael Ljungberg	Marianne Leirdal Stokkan	Søren Baarsgaard Hansen (Secretary)
<b>Radiology/MRI</b>	Miika Nieminen	Annette Fransson Andreo	Samuel Kuttner	Ahmed Jibril Abdi

## The NACP Radiological Physics Committee (RPC)

Hans-Erik Källman (Sweden) and Anne Catrine Martinsen (Norway) initiated the Radiological Physics Committee in 2009. The members in 2019 were:

Andreas Österlund, Sweden, chairperson/secretary  
Joanna Sierpowska, Finland  
Daniel Aadnevik, Norway,  
Ahmed Jibril Abdi, Denmark

The Committee has conducted telephone meetings in 2019 approximately 1 hour each. 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 2019 were:

Poul-Erik Braad, Denmark  
Pasi Korkola, Finland  
Jan Axelsson, Sweden  
Caroline Stokke, Norway

The level of activity of the committee has been low in 2019. 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 sponsored the NACP 2017 Symposium in Oslo the same way as in Århus 2008, Uppsala 2011, and Turku 2014. Discussions for sponsoring the 2020 symposium were ongoing in 2019.

## Website matters

New pages were launched in 2013 and have during 2019 continuously been updated by the webmaster. Discussions of transferring the NACP pages to a web hotel one.com have been conducted and the webmaster is preparing the matter further.

## 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 2020/21 Symposium in Reykjavik, Iceland
- Discussion and improvement of medical physics staffing levels in the Nordic countries

## Account

The account transfer from Sweden (Handelsbanken) to Denmark (Jyske Bank and later Nordjyske Bank) was finalised during 2019. The financial status by January 2020 was the following:

Bank account: 43.627,62 DKK

Varian NACP Grant: 20.109,85 DKK

Total balance: 63.737,47 DKK

Marianne Leirdal Stokkan

President 2017-2020

---

NACP COUNCIL 2017 : President: Marianne Leirdal Stokkan • Secretary: Toni Ihalainen • Treasurer: Asger Greval Petersen  
Webmaster: Anders Tingberg • Delegate: Gardar Myrdal •

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

Address: NACP c/o Toni Ihalainen, HUS Medical Imaging Center, P.O. Box 442, 00029 HUS, Finland  
www.nacp-nordisk.org E-mail: NACP-webmaster@nacp-nordisk.org