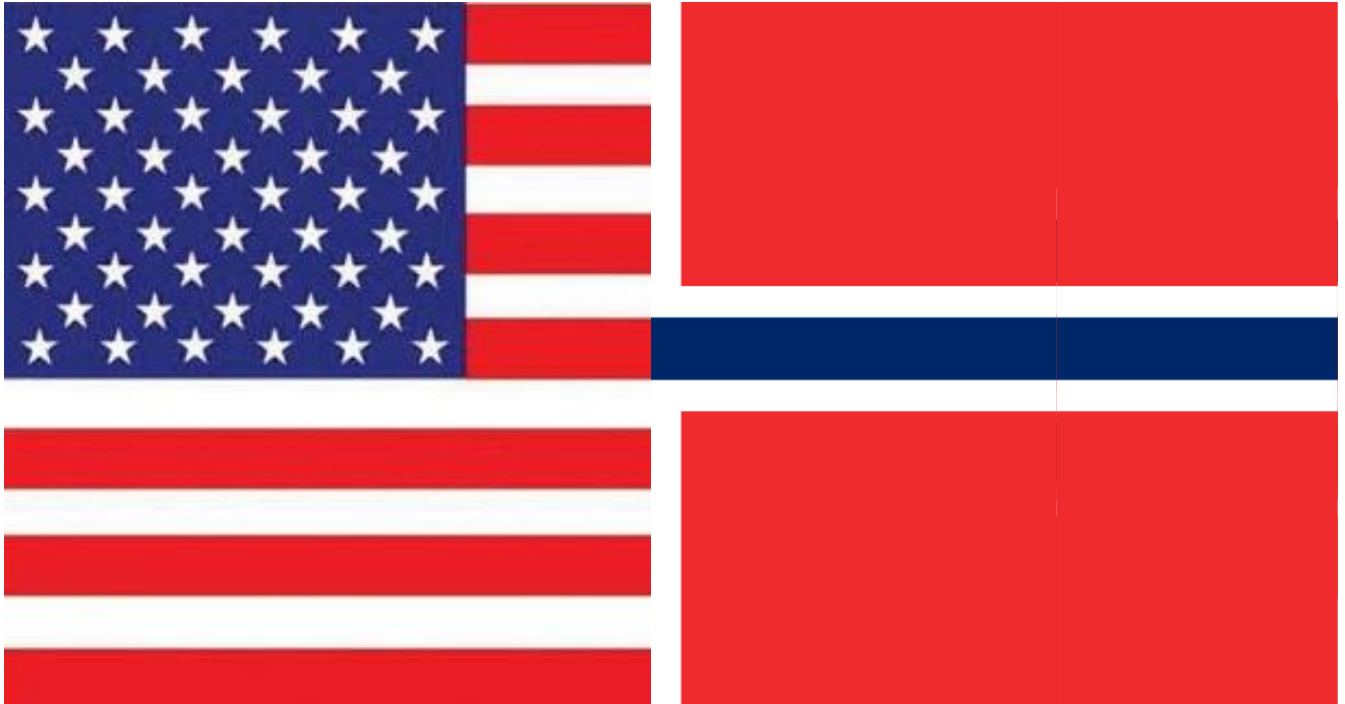


Welcome to the abdominal and musculoskeletal
US-Norwegian MRI course

at

Akershus University Hospital May 14 and May 15, 2018



**UNIVERSITY
OF OSLO**



An MRI course

With emphasis on abdominal and musculoskeletal problems

Program

Monday May 14, 2018

09:00 Introduction, professors Jonn Terje Geitung MD, PhD, MHA, and Pablo Ros MD, PhD, MPH.
The meeting will be chaired by professor emeritus Arne Borthne MD, PhD.

09:15-10:00 MRI of the liver, Pablo Ros

10:00 -10:45 MRI of the pancreas, spleen and kidneys Pablo Ros

10:45- 11:15 Break

11:15-12:00 PET-MRI in the abdomen, Pablo Ros

12:00-13:00 Lunch Break

13:00-13:45 MRI of the non-inflamed bowel, associate professor Karen Herrman MD, PhD.

14:00-14:45 MRI in inflammatory bowel disease. Associate professor Anne Negård MD, PhD

14:45-15:00 Break

15:00-15:45 MRI of the pelvic floor, anatomy with compartments, pelvic descent inflammatory disease Jonn Terje Geitung

16:00 Questions for the lecturers, open discussion, closing remarks and practical details, moderator Arne Borthne

1700 Dinner at the hospital cafeteria

Tuesday May 15, 2018

08:30 Good morning and practical details, Arne Borthne

0845-0900 Introduction to MSK-MRI, Dr Hasan Banitalebi MD, clinical director of radiology, Akershus University Hospital

0900-0945 MRI of the shoulder and wrist. professor Johnny U.V. Monu MD, PhD

0945-1000 Break

1000-1045 MRI of the hip and knee. Johnny U.V. Monu

1045-1145 Lunch Break

1145-1230 MRI of the diabetic foot. Dr Claude Pierre-Jerome MD, PhD

1230-1300 Break

1300-1345 Prostate, comprehensive imaging Pirads 2, and in gantry biopsy. Associate professor Vikas Gulani MD, PhD

1345-1430 The future of MRI: Where to? Vikas Gulani

1430-1515 From Wish to Reality: Spiral GRAPPA and MR Fingerprinting to enable Comprehensive Quantitative MR. Vikas Gulani

1515-1530 Closing discussions, moderator Arne Borthne

1530 Thank you for attending. Jonn Terje Geitung

Idea and international organizing committee:

Professor Pablo Ros MD, PhD, MPH, and Professor Jonn Terje Geitung MD, PhD, MHA

Local organizing committee:

Arne Borthne MD, PhD, Jonn Terje Geitung MD, PhD, MHA, Cathrine Mo RT, Anne Negård MD, PhD, Claude Pierre-Jerome MD, PhD, Merethe Sanden RT.

Pablo R. Ros, MD, MPH, PhD

**Radiologist-in-Chief, University Hospitals Health System
Theodore J. Castele University Professor and Chairman
Department of Radiology
Case Western Reserve University
University Hospitals Cleveland Medical Center**



Dr Ros has over 300 publications and 20 textbooks are primarily in Abdominal and Oncologic Imaging focusing on liver, pancreatic, mesenteric and gastrointestinal cross-sectional imaging with pathologic correlation. Other research areas include Magnetic Resonance Imaging, the development of liver specific and oral contrast agents for MRI, CT and PET-CT imaging and Radiology Services Research. Dr. Ros is the editor or co-editor of over 20 textbooks, including “Abdominal Imaging” (a four volume treaty), “PET/MRI: Methodology and Clinical Applications”, “CT and MRI of the Abdomen and Pelvis,” “Radiologic-Pathologic Correlations from Head to Toe” and the “Learning Diagnostic Imaging” series. He holds eleven editorial positions including former Associate Editor of *Radiology* and Consultant to the Editor in the same journal. Dr Ros has previously been professor at the University of Florida and University of Harvard.

Jonn Terje Geitung MD, PhD, MHA

Professor of radiology at the University of Oslo and radiologist at Akershus University Hospital



Dr Geitung has published more than 100 articles and 150 abstracts, as well as 2 book chapters. He has earlier supervised 7 PhD students to their degrees and is at present supervising in as different topics as MRI of the breast, MRI of the shoulder and MRI of the prostate. Dr Geitung's research has been in three different areas: Health services research, MRI of the abdomen and different research approaches concerning dementia. His previous position was chairman at Haraldsplass Deaconess Hospital where he also founded and directed the Kavli's Centre for Dementia Research. At present he has been involved in new teaching programs for radiology at the University of Oslo.



Karin Herrmann MD, PhD
Associate professor

Abdominal radiologist at University Hospitals, and Case Western Reserve University, Cleveland. She has a special interest in abdominal and oncological radiology and with a research interest in PET-MRI and oncological imaging. She also has an interest in and extensive experience in education.



Anne Negård MD, PhD
Associate professor

Head of Abdominal radiology. Akershus University Hospital. Special interest in inflammatory bowel disease, and has published articles mainly on this and other gastrointestinal topics. She has also had a keen interest in education.



Vikas Gulani MD, PhD
Associate professor

Head of MRI and associate professor University Hospitals, Case Western Reserve University. A large publication list on both basic and clinical MRI research. He has done and is working on advanced radiological research such as ultrafast MRI techniques and fingerprinting



Johnny U.V. Monu, MD, PhD
Professor

Professor of Radiology and Orthopedics in the Musculoskeletal division of the Department of Imaging Sciences, Rochester University Medical Center. Program Director of Musculoskeletal Radiology and Fellowship Director. Several visiting professorships including visit to R.R. Vredena Russian Institute of Traumatology and Orthopedics. Regional Coordinator for Sub-Saharan Africa International Skeletal Society Outreach and an External Assessor of Promotions at University of Benin in Nigeria.



Claude Pierre-Jerome MD, PhD

Dr Pierre-Jerome is at present a consultant in musculoskeletal radiology at Akershus University Hospital. He has published on several orthopaedic problems, especially the wrist. At present his main interest is the diabetic foot and the spine. He has a career that includes positions at several Nordic and American university hospitals.

National day on May 17th

The Constitution of Norway was signed at Eidsvoll on May 17 in the year 1814. The constitution declared Norway to be an independent kingdom in an attempt to avoid being ceded to Sweden after Denmark–Norway's devastating defeat in the Napoleonic Wars.

The celebration of this day began spontaneously among students and others from early on. However, Norway was at that time in a union with Sweden and for some years the King of Sweden and Norway was reluctant to allow the celebrations. For a few years during the 1820s, King Karl Johan actually banned it, believing that celebrations like this were in fact a kind of protest and disregard — even revolt — against the union. After 1864 the day became more established when the first children's parade was launched in Christiania, at first consisting only of boys. This initiative was taken by the author Bjørnstjerne Bjørnson, although the first known children's parade at Eidsvoll was organized by the poet Henrik Wergeland around 1820. It was only in 1899 that girls were allowed to join in the parade for the first time. In 1905, the union with Sweden was dissolved and Prince Carl of Denmark was chosen to be King of an independent Norway, under the name Haakon VII. Obviously, this ended any Swedish concern for the activities of the National Day.

By historical coincidence, the Second World War ended in Norway nine days before that year's Constitution Day, on May 8, 1945, when the occupying German forces surrendered. The day focused originally on the Norwegian constitution, but after 1905, the focus has been directed also towards the royal family.

A noteworthy aspect of the Norwegian Constitution Day is its very non-military nature. All over Norway, children's parades with an abundance of flags form the central elements of the celebration. Each elementary school district arranges its own parade with marching bands between schools. The parade takes the children through the community, often making stops at homes of senior citizens, war memorials, etc. The longest parade is in Oslo, where some 100,000 people travel to the city centre to participate in the main festivities. The massive Oslo parade includes some 100 schools, marching bands, and passes the royal palace where the royal family greet the people from the main balcony. In addition to flags, people typically wear red, white and blue ribbons and traditional outfits, called bunad.

