

7th ISMRM Nordic Chapter Annual meeting
October 5-6, 2022, Lund, Sweden

Wednesday 5 October

12:30 Session 1: Quantitative Body MRI

- 12:30 Quantitative analysis of neck-to-knee Dixon images for body composition profiling in clinical settings
- 12:50 Quantitative MRI in radiation therapy planning
- 13:10 Magnetic Resonance Fingerprinting of the prostate
- 13:30 Siemens Healthineers
- 13:45 Philips Healthcare

T. Frost Bathen, A. D. Blankholm
M. Forsgren (Linköping Univ.)

K. Røe Redalen (NTNU)
C. G. Trimble
F. Testud
J. O. Pedersen

14:00 *Coffee break*

14:30 Session 2: Collaboration and multi-centre trials

- 14:30 Opportunities and challenges in multicentre data collection and analysis - the DanNORMS study
- 14:50 MR safety across the Nordic countries
- 15:10 Integrating data storage and processing
- 15:30 **Panel debate: How can we collaborate more efficiently?**
- 15:50 GE Healthcare
- 16:05 Collective minds radiology
- 16:20 #1: Caffeine acutely reduces aqueductal CSF flow in humans
- 16:35 Information on Poster presentations

R. Grüner, J. Saunavaara
H. Lundell (DRCMR)
J. Merhout (DRCMR)
A. D. Blankholm (Aarhus Univ.)
B. Hansson (Lund Univ.)
H. Bartsch (Helse Bergen)

M. Bruvold
A. Nordell
Tekla Kylkilahti (Lund Univ.)
K. Markenroth Bloch

16:40 *Poster session, sponsor exhibition, and snacks*

19:00 *Dinner at Restaurant Stäket*

Stora Södergatan 6

Thursday 6 October

8:30 Session 3: Pediatric MRI- from prenatal to childhood

- 8:30 Fetal CMR - why and when?
- 8:50 Pediatric MRI without anesthesia
- 9:10 Imaging infants and young children with MRI: Experiences from FinnBrain Neuroimaging
- 9:30 #2: Fast consensus optimisation in diffusion MRI modelling
- 9:45 #3: Robust modelling in dMRI: Outlier weighting vs outlier replacement

H. Lundell, K. Markenroth Bloch
E. Hedström (Lund Univ.)
S. Skare (Karolinska Inst.)
J. Tuulari (Univ. of Turku)

Samuel St-Jean (Lund Univ.)
Viljami Sairanen (Helsinki Univ.)

10:00 *Coffee break*

10:30 Session 4: Advances in neuro MRI

- 10:30 Ultrafast-fMRI and its advances in clinical environment
- 10:50 Applications of MRI in the research of neurodegenerative diseases
- 11:10 Brain maturation in typically developing children and adolescents

M. Nilsson, V. Sairanen
J. Kananen (Oulu Univ.)
N. Spotorno (Lund Univ.)

K. Skak Madsen (DRCMR)

11:30 *Closing remarks*

K. Markenroth Bloch

11:45 *Lunch boxes*

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Posters and abstracts

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| #1 | Caffeine acutely reduces aqueductal CSF flow in humans | Tekla Kylkilahti, Lund |
| #2 | Fast consensus optimisation in diffusion MRI modelling | Samuel St-Jean, Lund |
| #3 | Robust modelling in dMRI: Outlier weighting vs outlier replacement | Viljami Sairanen, Helsinki |
| #4 | Machine Learning in Multiple Sclerosis | Maria Aarhus, Bergen |
| #5 | Downsampling of high-resolution k-space according to a Looping Star trajectory | Marius Rusaas, Bergen |
| #6 | Stratification of Parkinson patients using multimodal MRI | Signe Hogstad, Bergen |
| #7 | Down-sampling and up-sampling of diffusion weighted MRI sequences | Thea Våge, Bergen |

Visit our exhibitors outside the auditorium!

[Collective Minds Radiology](#)



[GE Healthcare](#)



[Nordic Imaging Lab](#)



[Philips Healthcare](#)



[Siemens Healthineers](#)

