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A Method for Synthetic Aperture Compounding

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Projects:

Bindevævs biomekanik og modellering
Traberg, M. S., Eriksen, T. A. & Òrn Jensson, B.
07/04/2014 → 16/06/2014
Project

Activities:

Evaluation of respiratory motion correction in PET/CT using a 3D printed phantom
Vilsbøll, J. H. (Speaker), Hasler S. W. Hasler (Guest lecturer), L. D. L. Duchstein (Guest lecturer), Wilhjelm, J. E. (Guest lecturer), M. N. Lonsdale (Guest lecturer)
22 Oct 2017
Activity: Talks and presentations › Conference presentations

Investigation of echogenic surface enhancements for improved needle visualization in ultrasonography: A PRISMA systematic review
Caroline Harder Hovgesen (Speaker), Wilhjelm, J. E. (Guest lecturer), Peter Vilmann (Guest lecturer), Evangelos Kalaitzakis (Guest lecturer)
11 Oct 2017
Activity: Talks and presentations › Conference presentations

Studenterinvolvering via ressourcemaessig effektiv peer review i et obligatorisk kursus i fysikken i medicinsk billeddannelse
Wilhelm, J. E. (Speaker), Prag, S. W. (Guest lecturer)
30 May 2017
Activity: Talks and presentations › Conference presentations

**Danish Cardiovascular Research Academy**
Brasen, J. C. (Organizer)
26 May 2016 → 28 May 2016
Activity: Attending an event › Participating in or organising a conference

**Secretary, ISMRM study group on Detection & Correction of Motion in MRI & MRS (External organisation)**
Hanson, L. G. (Participant)
2015 → 2016
Activity: Membership › Membership of research networks or expert groups

**Endothelial derived hyperpolarization in renal interlobar arteries**
Brasen, J. C. (Speaker)
15 Sep 2015
Activity: Talks and presentations › Conference presentations

**Meeting on Endothelium-Dependent Hyperpolarizations in Health and Disease**
Brasen, J. C. (Participant)
14 Sep 2015 → 17 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**MRI simulation for sequence development, protocol optimisation, and education**
Hanson, L. G. (Organizer)
29 Jun 2015 → 1 Jul 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Biosimulation**
Brasen, J. C. (External examiner)
1 Jun 2015 → 30 Jun 2015
Activity: Examinations and supervision › External examination

**Visualisation of basic NMR: Quantum and classical aspects**
Hanson, L. G. (Lecturer)
25 Feb 2015
Activity: Talks and presentations › Conference presentations

**MR principles, imaging and contrast**
Hanson, L. G. (Lecturer)
3 Feb 2015
Activity: Talks and presentations › Conference presentations

**The Scandinavian Physiological Society - The Special Interest Group (SIG) within Vascular Physiology**
Brasen, J. C. (Participant)
28 Jan 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Secretary-Elect, ISMRM study group on Detection & Correction of Motion in MRI & MRS (External organisation)**
Hanson, L. G. (Secretary)
2014 → 2015
Activity: Membership › Membership of research networks or expert groups

**Mathematical Biosciences (Journal)**
Brasen, J. C. (Reviewer)
23 Oct 2014 → …
Activity: Research › Peer review of manuscripts

**Rhythms in complex networks**
Brasen, J. C. (Participant)
1 Sep 2014 → 3 Sep 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proceedings of the National Academy of Sciences, Physical Sciences (NASA) (Journal)**
Brasen, J. C. (Reviewer)
2 Jul 2014 → …
Activity: Research › Peer review of manuscripts

**Mathematical models of (spatial and) temporal dynamics in biological and physiological systems**
Brasen, J. C. (Invited speaker)
22 May 2014
Activity: Talks and presentations › Conference presentations

**Kinetik**
Brasen, J. C. (Guest lecturer)
18 Feb 2014
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**DSMMR Course on MRI Methodology**
Hanson, L. G. (Organizer)
20 Jan 2014 → 21 Jan 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**MRI simulation for sequence development, protocol optimisation and education**
Hanson, L. G. (Organizer)
2 Dec 2013 → 4 Dec 2013
Activity: Attending an event › Participating in or organising a conference

**BioDynamics 2013**
Brasen, J. C. (Participant)
11 Sep 2013 → 13 Sep 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**14th International Conference on Systems Biology**
Brasen, J. C. (Organizer)
30 Aug 2013 → 3 Sep 2013
Activity: Attending an event › Participating in or organising a conference

**14th International Conference on Systems Biology**
Brasen, J. C. (Organizer)
30 Aug 2013 → 4 Sep 2013
Activity: Attending an event › Participating in or organising a conference

**4th International Symposium on Dynamic Nuclear Polarization**
Hanson, L. G. (Organizer)
28 Aug 2013 → 31 Aug 2013
Activity: Attending an event › Participating in or organising a conference

**Acquisition Strategies for Hyperpolarised Spin Systems**
Hanson, L. G. (Organizer)
25 Aug 2013 → 27 Aug 2013
Activity: Attending an event › Participating in or organising a conference

**Basic MRI Physics: A visual introduction for laymen**
Hanson, L. G. (Lecturer)
Activity: Talks and presentations › Conference presentations

**P L o S One (Journal)**
Brasen, J. C. (Reviewer)
22 Aug 2011 → …
Activity: Research › Peer review of manuscripts

**Journal of Medical Ultrasonics (External organisation)**
Wilhjelm, J. E. (Participant)
1 Jan 2010 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Ultragarsas (External organisation)**
Wilhjelm, J. E. (Participant)
1 Jan 2010 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**International Congress of Ultrasonics (External organisation)**
Wilhjelm, J. E. (Participant)
1 Jan 2009 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Prizes:**

**New Investigator Award for Basic Science**
Tommaso di Ianni (Recipient), Mar 2017
Prize: Prizes, scholarships, distinctions