IPNet Digest Volume 28, Number 02 March 31, 2021

Today's Editor: Patricia (Patti) K. Lamm, Michigan State University

Today's Topics:

Submissions for IPNet Digest:
Mail to ipnet-digest@math.msu.edu

Information about IPNet:
http://ipnet.math.msu.edu

From: ICIPE 20 <filippo.demonte@univaq.it>
Date: Tuesday, March 30, 2021
Subject: 10th Int. Conf. on Inverse Problems in Engineering (ICIPE), May 16-20, 2021, Francavilla al Mare (Chieti), Italy. Postponed to May 15-19, 2022

Dear Inverse Colleague,

Due to ongoing COVID-19 concerns, the 10th Int. Conf. on Inverse Problems in Engineering (ICIPE), scheduled during May 16-20, 2021, has been postponed to May 15-19, 2022, in the same place, Villa Maria Hotel, Francavilla al Mare (Chieti), Italy.

As the conference has been rescheduled, the online abstract submission will again be open on October 1, 2021. The new important dates are:

Abstract submission deadline: November 14, 2021
Abstract acceptance notification: November 30, 2021

Draft paper submission deadline: February 13, 2022
Paper acceptance notification: February 27, 2022
Final paper/extended abstract submission deadline: March 13, 2022

You may find detailed information on the web site: https://icipe20.univaq.it. Please feel free to pass this on to all interested parties.

Best regards and Happy Easter,
Filippo de Monte
Chair of 10th ICIPE

From: OIPE2020 <oipe2020@zut.edu.pl>
Date: Wednesday, March 31, 2021

Subject: OIPE2020(1) Conference

Dear colleagues,

OIPE 2020 postponed to 2021 will be held online.

Due to the epidemiological situation of COVID-19, the International Steering Committee decided that the 16th Workshop on Optimization and Inverse Problems in Electromagnetism OIPE2020 (the old name OIPE2020 will remain unchanged) will be held online on September 6th-8th, 2021, in Szczecin, Poland.

The conference program will consist of invited lectures, oral presentations and poster sessions. The workshop will be organized by the Faculty of Electrical Engineering of West Pomeranian University of Technology, Szczecin. We invite members of the scientific community from universities, research centers and industry to attend the workshop and present their recent achievements. Abstract submission deadline is May 28th, 2021. The first call of abstract submission is available on the conference website.

Authors of accepted and presented papers will be invited to submit a full paper that will be considered for publication either in COMPEL or IJAEM, depending on the content.

New: If you are not interested in submitting an abstract, it is also possible to attend the workshop as a visiting guest for a reduced fee (possible options: workshop, one day, single session).

Please visit updated conference website http://oipe2020.zut.edu.pl

Jens Haueisen (chairman)
Marcin Ziolkowski, 16th Workshop Chairman

From: Heike Sill heike.sill@wias-berlin.de [via NADIGEST]
Date: March 22, 2021
Subject: PhD Position, Applied Mathematics, WIAS, Germany

WIAS invites applications for a PhD student position (f/m/d) (Ref. 21/10) in the Research Group 'Numerical Mathematics and Scientific Computing' (Head: Prof. Dr. Volker John, Supervisor: Dr. Alfonso Caiazzo) starting at May 1st, 2021 or at the earliest possible date thereafter.

The position is framed within the DFG funded project "Computational Multiscale Methods for the Inverse Estimation of Effective Properties of Poroelastic Tissue", a collaboration between the WIAS and the Chair of Computational Mathematics of the University of Augsburg (Head: Prof. Dr. Daniel Peterseim). The project aims to develop computational multiscale models and inversion algorithms to support modern clinical imaging techniques based on Magnetic Resonance Elastography (MRE). MRE combines magnetic resonance images with mathematical and physical models in order to recover, in vivo and non-invasively, information about the elastic behavior and mechanical parameters of human tissues. The purpose of the project is to develop novel mathematical descriptions of vascularized tissues and efficient computational tools for numerical simulations and for the solution of related inverse problems.

The research will build on the existing collaboration with the MRE group at the Department of Radiology of the Charite-Universiatsmedizin Berlin (Prof. Dr. Ingolf Sack) and the Department Diagnostische und Interventionelle Radiologie of the Universitatsklinikum Augsburg (Prof. Dr. med. Thomas Kroncke). We are looking for candidates with a master's degree and a strong background in computational mathematics and scientific computing, with interest in medical applications. Prior knowledge in continuum mechanics, homogenization theory, or finite element methods are beneficial.

See here for more information: https://wias-berlin.softgarden.io/job/9472115?l=de

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From: "alerts@tandfonline.com" <alerts@tandfonline.com>
Date: Friday, January 29, 2021 at 2:53 AM
Subject: Inverse Problems in Science and Engineering, Contents, Available online

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From: Lothar Reichel <reichel@math.kent.edu>
Date: February 26, 2021
Subject: FETNA, ToC, Vol. 53

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http://etna.mcs.kent.edu/volumes/2011-2020/vol53/
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