

IPNet Digest Volume 20, Number 07 September 1, 2013

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

Today's Topics:

2014 International Conference on Inverse Problems in Engineering  
Positions Offered at the Chair of Optimization and Inverse Problems  
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Submissions for IPNet Digest:  
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<http://www.math.msu.edu/ipnet>

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Subject: ICIPE 2014  
From: "Woodbury, Keith" <[keith.woodbury@ua.edu](mailto:keith.woodbury@ua.edu)>  
Date: 8/31/2013

#### CALL FOR ABSTRACTS

2014 International Conference on Inverse Problems in Engineering (2014 ICIPE)

Dear Author,

You are invited to submit an abstract for the 8th International Conference on Inverse Problems in Engineering (ICIPE2014).

Conference Website: <http://www.icipe2014.org>

The conference will be held on May 12-15, 2014, Cracow, Poland.

ICIPE2014 is the continuation of the conference series which began in Palm Coast, FL, USA, in 1993.

Prospective speakers are invited to submit a 2-page extended abstract through the conference website by September 28, 2013. Upon abstract acceptance, authors are encouraged to also submit a full paper for peer review by February 1, 2014. The full publication schedule can be found on the website or at the bottom of this e-mail message.

A set of contributed papers will be selected by the Scientific Committee for post-conference publications in the Special Issues of:

1. International Journal of Numerical Methods for Heat & Fluid Flow (IJNMHFF) and,
2. Computer Assisted Methods in Mechanics and Science (CAMES).

Additionally all Authors of papers presented at the conference are encouraged to submit full versions of their papers to

3. Inverse Problems in Science and Engineering (IPSE).

#### PAPER SUBMISSION

All papers submitted must be original, unpublished, and not submitted concurrently for publication elsewhere. Speakers desiring presentation only (no paper submission) may report on work from other publications, as they desire.

Contributions MUST be written and presented in English. Word and LaTeX template are available on the conference website. The final version of the paper must be submitted in the pdf file.

#### Timetable

- Abstract submission deadline: September 28, 2013
- Abstract acceptance notification: November 2, 2013
- Paper submission deadline: February 1, 2014
- Paper acceptance notification: March 15, 2014
- Final paper submission deadline: April 12, 2014
- Conference start: May 12, 2014

#### Contact

If you have any further queries, please do not to hesitate to contact us.

Organizer Email: [icipe2014@icipe2014.org](mailto:icipe2014@icipe2014.org)

You can also find out us on a Conference Facebook profile (ICIPE2014) or on a Twitter (@ICIPE2014).

We look forward to seeing you in Cracow,

Yours sincerely,

Ireneusz Szczygiel, Conference Chair  
Andrzej J. Nowak, Conference Co-Chair  
Keith A. Woodbury, ICIPE Steering Committee  
Marek Rojczyk, Conference Secretary

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Subject: Teaching / Research Assistant (m/f) (Postdoc / Ph.D. Student)  
at the University of Stuttgart, Germany  
From: Maria Wegner <[maria.wegner@mathematik.uni-stuttgart.de](mailto:maria.wegner@mathematik.uni-stuttgart.de)>  
Date: 8/12/2013

At the Chair of Optimization and Inverse Problems,  
Department of Mathematics - IMNG, University of Stuttgart / Germany,

we offer the position of a

Teaching / Research Assistant (m/f)  
(Postdoc / Ph.D. Student)

Start date 10/01/2013 or by agreement

Please see the job posting and contact details at <http://www.mathematik.uni-stuttgart.de/fak8/imng/lehrstuhl/oip/index.en.html>

(Please note that the deadline is 08/31/2013 but we consider applications until the position is filled.)

Submitted by: Maria Wegner, Secretary to Prof. Dr. Bastian von Harrach  
Chair of Optimization and Inverse Problems, Department of Mathematics - IMNG  
University of Stuttgart / Allmandring 5b / 70569 Stuttgart / Germany  
Phone +49 711 685-68402 E-Mail: [maria.wegner@mathematik.uni-stuttgart.de](mailto:maria.wegner@mathematik.uni-stuttgart.de)

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Subject: Inverse Problems, Volume 29, Number 7, July 2013  
From: <[custserv@iop.org](mailto:custserv@iop.org)>  
Date: 7/2/2013

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Supercomputer technologies in inverse problems of ultrasound tomography  
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Potential recovery for Reissner--Mindlin and Kirchhoff--Love plate models using global Carleman estimates  
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Inverse electrostatic and elasticity problems for checkerboard distributions  
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Applications of the alternating direction method of multipliers to the semidefinite inverse quadratic eigenvalue problem with a partial eigenstructure  
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Acoustic inverse scattering using topological derivative of far-field measurements-based  $L_2$  cost functionals  
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Coefficient inverse problem for a fractional diffusion equation

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Reduced-order model tracking and interpolation to solve PDE-based Bayesian inverse problems  
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Inverse backscattering Born approximation for a two-dimensional magnetic Schrödinger operator      Valery  
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Adaptive estimation of the density matrix in quantum homodyne tomography with noisy data  
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Stability and regularization for determining sets of discrete Laplacian  
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Issue online available at:  
<http://iopscience.iop.org/0266-5611/29/7/email-alert/1137387909>

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Subject: Table of Contents Alert 'Journal of Inverse and Ill-Posed Problems'  
From: <noreply@degruyter.com>  
Date: 8/9/2013

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Available online from De Gruyter Online:  
<http://www.degruyter.com/view/j/jip.2013.21.issue-4/issue-files/jip.2013.21.issue-4.xml>  
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