

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

Today's Topics:

Second Call for Abstracts: Inverse Problems Symposium 2019

Registration Open: Chemnitz Symposium on Inverse Problems, On Tour in Frankfurt

Abstract Deadline: 5th Int'l Symposium on Inverse Problems, Design & Optimization

Conference Announcement: Projection Algorithms, Stefan Kaczmarz 125th Birthday

New Book: Inverse Imaging with Poisson Data, From Cells to Galaxies

PhD position: Inverse Problems in Geomagnetism, TU Bergakademie Freiberg

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Submissions for IPNet Digest:

Mail to ipnet-digest@math.msu.edu

Information about IPNet:

<http://ipnet.math.msu.edu>

From: "Mishra, Dharmendra K" <mishra67@purdue.edu>

Subject: Inverse Problems Symposium 2019

Date: Monday, February 11, 2019

The Inverse Problems Symposium 2019
Second Call for Abstract Submission!

The symposium will be held at Purdue University on May 29-31, 2019

Follow this link for abstract submission and registration:

<https://www.inverseproblems2019.org>

Deadline for abstract submission: March 29, 2019

This is the 32nd in the series of National and International meetings on Inverse Problems that were initiated at Michigan State University in 1988. Papers are solicited from all areas involving inverse methods and their applications. The symposium is organized in a single-session format to foster cross-disciplinary interaction.

Solicited topics include:

A. Mathematical and Statistical Aspects of Inverse Problems

1. Theory and Methods of Inverse Problems
2. Stability and Error Analysis

B. Design of Experiments

1. Optimal Design of Experiments
2. Analysis of Actual Experimental Data

C. Applications

1. Heat Transfer, Applied Mechanics, Controls, Other Engineering

Disciplines

2. Biology, Biochemistry, Genetics, and Medicine

3. Nondestructive Evaluation
4. Nanoengineering
5. Tomography and Inverse Scattering
6. Geology and Environmental Phenomena
7. Economics
8. Food and Bioprocessing
9. Bioengineering
10. Packaging

We also welcome session organizers. Please contact Dharmendra Mishra (mishradh@purdue.edu) if you wish to organize a session.

Important dates, abstract submission, travel information and accommodation details are available at the link below.

<https://www.inverseproblems2019.org>

Thank you and looking forward to seeing you in West Lafayette.

Contact Information:

Conference Chairman: Dharmendra Mishra, Assistant Professor
Extension Food Technologist
Department of Food Science, Purdue University
Philip E. Nelson Hall of Food Science
745 Agriculture Mall Dr.
West Lafayette, IN 47907-2009
Phone: (765) 494-2594
mishradh@purdue.edu

Honorary Chairman: Dr. James V. Beck, Professor Emeritus,
Michigan State University, beck@msu.edu

Conference Co-Chair: Kirk Dolan, Professor
Department of Food Science & Human Nutrition
Department of Biosystems & Agricultural Engineering
Michigan State University East Lansing, MI 48224
Phone: (517) 353-3333
dolank@msu.edu

From: Jan-F. Pietschmann <jfpietschmann@math.tu-chemnitz.de>
Subject: Chemnitz Symposium on Tour in Frankfurt, 2019
Date: February 18, 2019

Dear Friends and Colleagues,
we are happy to announce that the registration for this year's Chemnitz Symposium on Inverse Problems, on tour in Frankfurt, is now open. The Symposium will take place from September 30th to October 2nd, 2019.

All details can be found at

https://urldefense.proofpoint.com/v2/url?u=https-3A__www.chemnitz-2Dam.de_ipsym2019_&d=DwICaQ&c=nE__w8dFE-shTxStwXtp0A&r=BD2GkxRfNot2tppB7yJILODRvYg43-qopz1D1DaUj0I&m=16s2p7sB_sCfnM2ZtZ1fzmYh2wFQCKsbH6kjdu7zUoM&s=5Bm6LQ_zKNpTGTYhtrmZgSjl2WoerWtyhXTxmdF7fvQ&e=

Please feel free to forward this information to anybody who could be interested.

We are looking forward to seeing you in Frankfurt.

Best regards,
Bastian Harrach & Jan-F. Pietschmann

Submitted by: Prof. Dr. Jan-Frederik Pietschmann
Faculty of Mathematics, TU Chemnitz, 09107 Chemnitz, Germany
email jfpietschmann@math.tu-chemnitz.de

From: IPDO 2019 <ipdo2019@hebut.edu.cn>
Subject: IPDO 2019 2nd Call-for-abstracts
Date: February 21, 2019

Dear Colleague,

On behalf of the sponsor of the conference, we are very pleased to inform you that the 5th International Symposium on Inverse Problems, Design and Optimization (IPDO2019) is going to be held during September 24-26, 2019 at Tianjin, China, and the deadline for submitting the two-page abstract is March 31, 2019.

IPDO sequence of international symposia's main objective is to bring three communities of researchers (inverse problems, multidisciplinary design theory and optimization experts) together in a unique international forum that provides an excellent basis for cross-fertilization of ideas, as well as for the creation of new synergistic approaches and methodologies.

Currently, we have succeeded in attracting renowned first class scientists with significant contributions to the scientific literature from all over the world and received at least 21 MS proposals. The four plenary speakers for the symposium are Prof. H. Thomas Banks, USA, Prof. Gengdong Cheng, China, Prof. Kalyanmoy Deb, USA and Prof. Jari Kaipio, New Zealand, and the six keynote speakers are Prof. Anatoly G. Yagola, Russia, Prof. Isaac Elishakoff, USA, Prof. Igor N. Egorov, Russia, Prof. Daniel Lesnic, UK, Prof. Gyung-Jin Park, South Korea and Prof. Yanfei Wang, China. For more information, you can visit the symposium website: <http://ipdo2019.ipdos.org>, which will be updated constantly.

The Flyer of IPDO 2019 may be found here:

<http://ipdo2019.ipdos.org/Flyer.html>

Please mark your calendar, and prepare for your abstract submission that will be due on March 31, 2019. We look forward to your two-page abstract, and hope this symposium will support your research and empower you to make an even greater impact in your field.

Best regards,

Prof. Xu Han, Chairman of IPDO2019

xhan@hebut.edu.cn

Profs. George S. Dulikravich, Helcio R. B. Orlande and Marcelo J. Colaco, Honorary
Chairman of IPDO2019,

dulikrav@fiu.edu, helcio@mecanica.ufrj.br, colaco@ufrj.br

Prof. Jie Liu, Secretariat, IPDO2019

liujie@hnu.edu.cn

From: Andrzej Cegielski <a.cegielski@wmie.uz.zgora.pl>

Subject: Conference "Projection Algorithms: Stefan Kaczmarz 125th birthday anniversary"

Date: Friday, February 15, 2019

I would like to announce the Conference "Projection Algorithms: Stefan Kaczmarz 125th
birthday anniversary", Będlewo, Poland, August 31st - September 5th, 2020,
<https://www.impan.pl/en/activities/banach-center/conferences/20-projection>

With best regards,

Andrzej Cegielski

From: Mario Bertero <bertero@disi.unige.it>

Subject: New book: Inverse Imaging with Poisson Data

Date: Thursday, February 21, 2019

A new book on Inverse Problems

Title: Inverse Imaging with Poisson Data

Subtitle: From Cells to Galaxies

Authors: M. Bertero, P. Boccacci and V. Ruggiero

IOP Publishing

The Introduction can be freely downloaded from

<https://iopscience.iop.org/chapter/978-0-7503-1437-4/bk978-0-7503-1437-4ch1.pdf>

This is an ebook available in the formats PDF, ePub and kindle; hard copy is also
available.

Mario Bertero, Professor in Information Science

E-mail: bertero@disi.unige.it

URL : <http://www.disi.unige.it/person/BerteroM>

DIBRIS

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I-16146 Genova, Italy

From: Christian Gerhards <christian.gerhards@geophysik.tu-freiberg.de>
Subject: PhD position, Geomathematics, TU Bergakademie Freiberg
Date: Friday, February 8, 2019

PhD position, Geomathematics, TU Bergakademie Freiberg

Within the Geomathematics and Geoinformatics Group there is an opening for a 3-year PhD position working on inverse problems in geomagnetism. More details can be found here: <https://tu-freiberg.de/sites/default/files/2019-28.fak3-englisch.pdf>

Interested candidates can directly contact christian.gerhards@geophysik.tu-freiberg.de

Best regards,
Christian Gerhards

Submitted by: Prof. Dr. Christian Gerhards
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From: "noreply@degruyter.com" <noreply@degruyter.com>
Subject: eTOC Alert 'Journal of Inverse and Ill-posed Problems'
Date: Sunday, February 3, 2019

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<https://www.degruyter.com/view/j/jiip.2019.27.issue-1/issue-files/jiip.2019.27.issue-1.xml>

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