

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

Today's Topics:

Call for Papers: Int'l Conf. on Image, Video Processing and Artificial Intelligence

Call for Abstracts: 1st Workshop in Industrial Mathematics, with Inverse Problems

Save the Date: 10th Int'l Conf. on Inverse Problems in Engineering

PostDoc: Inverse Problems, Optimisation, Large-scale Tomographic Image Reconstruction

Table of Contents: Inverse Problems

Submissions for IPNet Digest:

Mail to ipnet-digest@math.msu.edu

Information about IPNet:

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

From: IVP AI2019 <mojianiangke314697@163.com>

Subject: IVP AI2019

Date: Sunday, June 30, 2019

IVPAI2019 - call for papers

2019 International conference on Image, Video Processing and Artificial Intelligence

2019.08.24-25 Shanghai, China

Topics are mainly about computer science, AI. The research and application.

We cooperated with SPIE, to publish papers. Which could be indexed by EI, SCOPUS, CPCI

Detail: www.ivpai.org

From: Marco Martinolli marco.martinolli@polimi.it [via NADIGEST]

Subject: Industrial Mathematics, Austria, Oct 2019

Date: July 11, 2019

We are pleased to announce this Call for Abstracts for the 1st Workshop in Industrial Mathematics (WIM2019), to be held in Strobl, Austria from October 14th to October 17th 2019. The workshop will feature a wide range of exciting talks, discussions, and networking opportunities with experts and researchers in the mathematical fields of 'Optimization and Inverse Problems', 'Coupled Systems' and 'Reduced Order Methods'. The focus on industrial applications will be specifically addressed during an industry-featured session, hosting speakers with direct experience on industrial mathematics. To find more details about the event, the program, and the registration procedure, please visit our website at https://urldefense.proofpoint.com/v2/url?u=https-3A__www.romsoc.eu_wim2019_&d=DwIBAQ&c=nE__W8dFE-shTxStwXtp0A&r=e3hMoihI-CgaL4e-VWcj0hsJb6Lg8FbptIXTFDPUMuc&m=Enxx-5G7h_HkTEvYHpyBJs1oUMr6IHQ_RLyMFBBrZqgE&s=-n2Z9e9wUowZm9d9tGUFsLhKG57IHsScqR0ikc37T0o&e=

The Organizing Committee is inviting the community to submit abstracts for oral and poster presentations. All abstracts must be sent as a PDF file via e-mail to wim2019@romsoc.eu before Sunday 1st September.

From: "filippo.demonte@ing.univaq.it" <filippo.demonte@ing.univaq.it>
Subject: ICIPE 20, save-the-date May 18-21, 2020 - First Announcement
Date: Thursday, July 4, 2019

Dear Inverse Colleagues,

On behalf of the Organizing Committee, we are pleased to inform you that the "10th International Conference on Inverse Problems in Engineering (ICIPE 2020)" will be held on May 18-21, 2020, in Francavilla al Mare (Chieti), Italy.

ICIPE 20 intends to be a global forum for researchers and engineers to present and discuss recent innovations and new techniques in Applied and Fundamental Inverse Analysis. We will also be honoring Professor James V. Beck, for his outstanding contributions to parameter estimation and inverse heat transfer analysis. The abstract deadline is in mid-October 2019, and draft manuscripts will be due in mid-January 2020.

Flyer:
<http://icipe20.univaq.it/icipe2020/wp-content/uploads/2019/07/ICIPE-2020-Flyer-1.pdf>

We would be grateful if you could disseminate this save-the-date email and conference flyer to your colleagues. The conference website is: <http://icipe20.univaq.it>.

We are looking forward to meeting you at ICIPE 20!

With our best regards,

Filippo de Monte (University of L'Aquila, Italy), Conference Chair
Keith A. Woodbury (University of Alabama, USA), ICIPE Steering Committee
Kirk Dolan (Michigan State University, USA), IPS Steering Committee

Website: <http://icipe20.univaq.it>

Submitted by: Prof. Ing. Filippo de Monte
Department of Industrial and Information
Engineering and Economics
Univ L'Aquila, Italy

From: Matthias Ehrhardt <me549@bath.ac.uk>
Subject: 3-year PostDoc on inverse problems and optimisation @Bath, UK
Date: Tuesday, July 23, 2019

A position exists for a Research Associate to work on the development of algorithms for large-scale tomographic image reconstruction

Papers:

Inverse moving source problems in electrodynamics

Guanghai Hu, Yavar Kian, Peijun Li and Yue Zhao

Nyström subsampling method for coefficient-based regularized regression

Longda Ma, Lei Shi and Zongmin Wu

Recursive linearization method for inverse medium scattering problems with complex mixture Gaussian error learning

Junxiong Jia, Bangyu Wu, Jigen Peng and Jinghuai Gao

A direct imaging method for half-space inverse elastic scattering problems

Zhiming Chen and Shiqi Zhou

An application of sparse measure valued Bayesian inversion to acoustic sound source identification

Sebastian Engel, Dominik Hafemeyer, Christian Münch and Daniel Schaden

Logarithmic stability for a coefficient inverse problem of coupled Schrödinger equations

Fangfang Dou and Masahiro Yamamoto

Stability estimates for the fault inverse problem

Faouzi Triki and Darko Volkov

<https://iopscience.iop.org/issue/0266-5611/35/7>

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