IPNet Digest Volume 28, Number 09 October 3, 2021
Today's Editor: Patricia (Patti) K. Lamm, Michigan State University
Today's Topics:
 Deadline Approaching: Introductory Online Workshop on Inverse Problems
 Save the Date: 10th Int'l Conf. on Inverse Problems in Engineering, Italy
 Research Fellowship Position: Inverse Problems for Wave Equations, UCL
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From: Venky Krishnan <vkrishnan@tifrbng.res.in> Date: Monday, September 20, 2021 Subject: Introductory online workshop on Inverse Problems

Dear Colleagues,

We are organizing an introductory online workshop on Inverse Problems during October 25–29, 2021. There will be introductory two-hour long lectures on 10 different topics, suitable for graduate students, postdocs and others interested in inverse problems. The list of topics and speakers is available on the workshop web page. If interested, please complete the application (link on the web page) so the Zoom link can be sent to you. The workshop is being organized under the auspices of the International Centre for Theoretical Sciences, Bangalore, India.

Venky Krishnan TIFR Centre for Applicable Mathematics, Bangalore, India Rakesh, University of Delaware, USA

From: ICIPE 20 <filippo.demonte@univaq.it> Date: Monday, September 27, 2021 Subject: 10th ICIPE, save-the-date May 15-19, 2022 - Announcement

Dear Inverse Colleagues,

The covid-19 emergency seems to be partially and hopefully over!

On behalf of the Organizing Committee, we are pleased to inform you that the "10th International Conference on Inverse Problems in Engineering" will be held in-person on May 15–19, 2022, in Francavilla al Mare (Chieti), Italy, Villa Maria Hotel.

A Green Pass is required!

ICIPE 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 online abstract submission will be open on October 1 and close on November 30, 2021. Draft manuscripts will be due by mid-February 2022.

Abstracts already submitted in 2019 and 2020 are properly kept. Similarly, draft papers and final papers/extended abstracts already submitted in 2020 and 2021 are properly kept!

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

Download the flyer: https://mcusercontent.com/af0e3a32f06e691ff1c775d2e/files/1eb163ef-66b2-1a09ee51-8c653914e723/flyer_icipe_2022_v1.pdf

We are looking forward to meeting you at 10th ICIPE!

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

From: Erik Burman e.burman@ucl.ac.uk [via NADIGEST] Date: September 22, 2021 Subject: Research Fellowship Position, Inverse problems for wave equations, UCL

Applications are invited for a full-time EPSRC funded Research Fellow position at the Department of Mathetmatics, UCL. The successful candidate will work with Professor Erik Burman on the project "Computational methods for inverse problems subject to wave equations in heterogeneous media".

Applicants are expected to have good understanding either of the design and analysis of finite element methods or of the wave equations and associated inverse problems. It is desirable that candidates have interest and research experience with at least some of the following subjects: theory of finite element methods, error analysis of numerical methods, knowledge of stabilised finite element methods or discontinuous Galerkin methods, stability analysis of ill-posed problems, Carleman estimates. Experience of some computational finite element package (fenics, freefem etc) and their application to the numerical approximation of solutions to partial differential equations, is also highly valued.

This post is available from 15 February 2022 or as soon as possible thereafter.

This post is funded for 3 years in the first instance.

Further information and details of how to apply can be found at https://atsv7.wcn.co.uk/search_engine/jobs.cgi?owner=5041390&ownertype=fair& jcode=1879082&vt_template=965&adminview=1

The closing date for applications is 24th of October. Informal enquiries may be addressed to Professor Erik Burman, email: e.burman@ucl.ac.uk

From: "alerts@tandfonline.com" <alerts@tandfonline.com> Date: Wednesday, September 22, 2021 Subject: Inverse Problems in Science and Engineering, Volume 29, Issue 10, October 2021 is now available online on Taylor & Francis Online

Inverse Problems in Science and Engineering October 2021 Volume 29, Issue 10

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https://www.tandfonline.com/toc/gipe20/29/10
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