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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:
https://ipnet.math.msu.edu/

From: Tapio Helin <Tapio.Helin@lut.fi>
Subject: Postdoctoral positions related to inverse problems at LUT University
Date: Friday, October 8, 2021

Dear all,

we invite applications to 5 open positions for postdoctoral researchers in applied mathematics and machine learning at LUT University, Finland. The positions are fixed term varying between 2 to 4 years and all are well-suited for applicants having background in inverse problems research (some of them directly related). In particular, inverse problem experts working with machine learning, numerical or statistical methods are highly encouraged to apply!

The deadline for applications is October 31. More information about positions and contact persons is available at

https://urldefense.com/v3/__https://lut.rekrytointi.com/paikat/?o=A_RJ&jgid=1&jid=563__;!!HXCxUKc!iEVfBtE1JtXtmacUNklz-gYL_GWrJBmcxG5Xwc9r6j1yyNVmCRizMlEt7oY8PzFMuHUcPUo$

Best regards,
Tapio Helin

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From: T.T. Phuong Hoang tzh0059@auburn.edu [via NADIGEST]

Date: September 29, 2021
Subject: Tenure-Track Assistant Professor Position, Comp Mathematics, Auburn Univ

The Department of Mathematics and Statistics in the College of Sciences and Mathematics (COSAM) at Auburn University invites applications for a tenure-track Assistant Professor in Computational Mathematics for nine- month appointments beginning on August 16, 2022.

Areas of interest include, but are not limited to, scientific computing and numerical analysis in machine learning and deep learning, computational biology, computational physics, and inverse problems and optimization. The candidate is also expected to demonstrate a strong commitment to high quality teaching at the undergraduate and graduate levels, as well as mentoring undergraduate and graduate students.

Interested candidates can find more information about the position as well as submit their applications at https://urldefense.com/v3/__https://www.auemployment.com/postings/25375__;!!HXCxUKc!luKcVhCZbip2JbMyyc54r_g9reMaRRV2tGdazYplclMz5XB0eWXRQJuggS77BQV4$

Review of applications will begin November 1, 2021 and continue until the position is filled.

Auburn University is an R1 University and one of the nation's premier land, sea, and space grant institutions. It maintains high levels of research activity and high standards for teaching excellence. Auburn University is understanding of and sensitive to the family needs of faculty, including dual-career couples. Auburn University is an EEO/Vet/Disability Employer and committed to building an inclusive and diverse community.

From: Tan Bui tanbui@oden.utexas.edu [via NADIGEST]
Date: October 05, 2021
Subject: Postdoc Position, ML/Digital Twins, Oden Institute, UT Austin

A postdoc position is immediately available in Tan Bui-Thanh's research group on Machine Learning for Digital Twin (DT).

Responsibility: Develop model-constrained machine learning approaches engineering and science applications that are governed by Partial differential Equations (or their discretizations). Develop algorithms for monitoring and quantifying uncertainty for DT.

Qualifications: PhD research was in the field of inverse problems and/or uncertainty quantification and/or machine learning methods.
- Strong in applied mathematics and computation.

Duration: The position can be renewed annually, up to three years.

Please contact Tan Bui-Thanh at tanbui@oden.utexas.edu for questions/concerns about the position.

From: Lothar Reichel <reichel@math.kent.edu>
Subject: ToC, ETNA, vol. 54
Date: October 6, 2021

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https://etna.math.kent.edu/volumes/2021-2030/vol54/
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