IPNet Digest Volume 27, Number 05 May 4, 2020
Today's Editor: Patricia (Patti) K. Lamm, Michigan State University
Today's Topic:
 Virtual Seminar: Inverse Problems Workshop Against COVID-19, May 7
Submissions for IPNet Digest:
 Mail to ipnet-digest@math.msu.edu
Information about IPNet:
 http://ipnet.math.msu.edu
From: Todd Quinto <Todd.Quinto@tufts.edu>

Date: Friday, May 1, 2020 Subject: Inverse Problems workshop against COVID-19 May 7

The International Centre for Mathematical Sciences (ICMS) in Edinburgh, UK, is hosting a web meeting on May 7 to catalyze activity by applied mathematicians on electron tomography of the coronavirus.

This will be a virtual seminar hosted by the ICMS from 9:00 a.m. to about 12:30 EDT on Thursday May 7th. We hope especially that people with an interest in Machine Learning and Bayesian inverse problems and uncertainty quantification will get involved as well as other areas of inverse problems.

Alan Roseman (School of Biological Science, UoM) will give an introduction to the problems we face imaging the coronavirus SARS-CoV-2 that causes Covid-19, then Ozan Öktem from KTH Royal Institute of Technology, Stockholm will give a talk on inverse problems in electron tomography, followed by a discussion chaired by Todd Quinto from Tufts and Alan Roseman on the mathematical and biological challenges.

The meeting will be held on Zoom and moderated by ICMS. Registration is via the link https://www.icms.org.uk/V_ITC.php

Please circulate to anyone who may be interested.

Questions can be addressed to todd.quinto@tufts.edu

Submitted by: Eric Todd Quinto Robinson Professor of Mathematics Tufts University Medford, MA 02155 USA PH: +1 (617) 627-3402 FAX: +1 (617) 627-3966 E-MAIL: Todd.quinto@tufts.edu https://math.tufts.edu/faculty/equinto/ ----- end ------