

Subject: Postdoc Positions, Mathematics, Imperial College London

From: Colin Cotter <[colin.cotter@imperial.ac.uk](mailto:colin.cotter@imperial.ac.uk)>

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Two postdoctoral research associate positions are available at the Department of Mathematics, Imperial College London. We have recently secured funding from EPSRC to develop our capability in stochastic geophysical fluid dynamics. In a recent paper, <http://rspa.royalsocietypublishing.org/content/royprsa/471/2176/20140963.full.pdf> the PI, Prof Darryl Holm, presented a general approach to including stochastic parameterisations of subgrid motions in geophysical fluid dynamics PDEs that are used to model the atmosphere and ocean. In this project with co-Is Prof Dan Crisan and Dr Colin Cotter, we shall investigate the properties of these models, their numerical

discretisations, and their incorporation into data assimilation/stochastic filtering problems. One PDRA will focus on

numerical analysis and scientific computing:

<http://www.jobs.ac.uk/job/ANF380/research-associate-position/> whilst

the other will focus on data assimilation and stochastic filtering:

<http://www.jobs.ac.uk/job/ANF364/research-associate/> Please see these

adverts for job specifications. Interested NA Digest readers are

welcome to contact Colin Cotter

([colin.cotter@imperial.ac.uk](mailto:colin.cotter@imperial.ac.uk)) for more

information regarding this project and these positions.

Closing date

for applications for both positions is 11th April 2016. We aim to

start both positions before 1st July 2016.