

# MATHEMATICS AND STATISTICS

# NEWSLETTER

December 2000

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## CONGRATULATIONS

- To CREEM (Centre for Research into Ecological and Environmental Modelling) who have been awarded two large awards. The first, for 820,000 pounds, was from SHEFC's Research Development Grant, to establish a joint Centre for Conservation Science (CCS) with the University of Stirling. The St Andrews' unit of CCS will be a research unit within CREEM. We have just finished recruiting CCS staff (2 here and 2 at Stirling), and are delighted with the standard of the successful applicants.

The second large award (880,000 pounds) was originally a JIF submission, part-funded by SHEFC. Around half a million pounds will be used to refurbish the Scott Lang building, and to provide a new building (subject to planning permission), that will house a facility for training and research workshops, as well as a specialist teaching facility. It will include pc classroom facilities and video-conference equipment (paid for by CCS). Most of the remaining funds will be used for computer systems, computer and secretarial support, and some equipment for Biology.

- To Thomas Wiegelmann who has been awarded a Marie-Curie-Fellowship by the European Commission, with the second highest mark of all proposals in this round. The fellowship is for 12 months and can start some time between January and June 2001. Thomas will stay in St. Andrews and continue his work on magnetic field reconstruction methods during the time of the fellowship.
- To Jean-Claude Thelen who has also been awarded a Marie-Curie-Fellowship by the European Commission. Jean-Claude's fellowship has a duration of 24 months and can start in the first half of 2001. Jean-Claude will work in St. Andrews on the theory of solar prominence. He will be joining us here in St Andrews shortly after Christmas and may look familiar to a few since he did his undergraduate degree here about 5 years ago.

- To Stephen Brooks on the successful defence of his PhD. Stephen studied for his PhD at University of Newcastle under Axel Brandenburg.
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## NEWS

- Claire Foullon has now moved to Belgium for the (hopefully) last year of her PhD. This has been made possible thanks to the European Research Training Network PLATON which is coordinated by St. Andrews and involves eight European Solar and Astrophysics Groups. Claire now works at the Center for Plasma-Astrophysics at K.U. Leuven.

She would like to thank those in the Department who gave her their moral, technical and intellectual support in the first two years of her PhD in St Andrews. She wishes a Merry Christmas to you all, and best wishes for health, happiness and prosperity in the New Year and the New Millenium!

- Klaus Galsgaard and Duncan Mackay attended a workshop in Orsay, France on Solar Prominences between 21st-26th October. Klaus presented a paper entitled 'Evolution of a Density Enhancement in a Stratified Atmosphere With Uniform Magnetic Field' and Duncan a paper on 'The Hemispheric Pattern of Filaments'. Duncan Mackay attended a second workshop on Filaments at the Naval Research Laboratory in Washington between 3-6th November where he presented two papers. After the workshop he visited Harvard for 1 week to continue collaboration with Aad van Ballegooijen.
- Peter Jupp attended the Symposium in Honour of Ole E. Barndorff-Nielsen which was held in Aarhus from the 16th to the 18th of November. Peter gave a talk on 'Aspects of Differential Geometry in Parametric Inference' and greatly enjoyed the celebrations of both Ole's 65th birthday and his 40 years in the Mathematical Institute in Aarhus.
- Kenneth Falconer has been elected to the Council of the London Mathematical Society for two years.
- Colin Campbell was external examiner for a Ph. D. in group theory held at the University of Wales at Cardiff. The candidate's supervisor was James Wiegold.
- John Howie is just back from the Azores, where he was part of the 'jury' at the doctoral examination for Isabel Marques Ribeiro. Isabel, who has

been in St Andrews several times, successfully defended her thesis in an unequal contest of one against seven, and was awarded a doctorate with ‘high distinction’. (Incidentally, the weather in the Azores was wet and windy!)

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## STAMPS FOR CHARITY

- With the festive season and the abundance cards that will be received, especially at home, please keep the used stamps from the envelopes for sending to charity. This time the Blue Peter appeal to raise money for health aid for the people of the Peruvian Andes will benefit.
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## SEMINARS

- Analysis/Statistics Double Bill! L.T. B - 2pm)
    - Friday 15th December 2pm Dr. R. Riedi (Rice University, Houston)  
“The multifractal structure of certain T-Martingales”
    - Friday 15th December 3pm Dr. J. Halley (Aristotle University, Greece) “What kind of Variability is Ecological Variability?”
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## NEXT ISSUE

- Please send any material for the next newsletter to [mcsnews@mcs](mailto:mcsnews@mcs) by 12pm Thursday 25th January.



*HAPPY CHRISTMAS*

