POSTDOCTORAL FELLOW – EXTREME EVENTS
DEPARTMENT OF PHYSICS AND ASTRONOMY
UNIVERSITY OF CALGARY
CANADA

The Complexity Science Group in the Department of Physics & Astronomy at the University of Calgary invites applications for a postdoctoral fellow in the field of ***extreme events and extreme value statistics*** with applications to physical, geophysical and biophysical systems. The successful applicant is expected to work closely with an interdisciplinary research team led by Prof. Jörn Davidsen in extreme events, geocomplexity, nonlinear dynamics and statistical physics. Most of the ongoing projects are pursued in close collaboration with experimentalists. Successful candidates are expected to conduct theoretical/computational research. More information about the research team and the Complexity Science Group is available at www.ucalgary.ca/complexity/davidsen.

Candidates should have received or will soon receive a PhD in theoretical physics or a related discipline. A background in statistical physics, computational physics and/or complex systems is required. Knowledge of time series analysis, seismicity and/or space physics is beneficial. Possible start dates are between January 1, 2010 and September 1, 2010. The position is for two years with the possibility of a renewal for an additional year.

Applicants should submit their application package including a cover letter, CV with a list of publications, brief statement of research interests and their possible start dates in PDF format to davidsen@phas.ucalgary.ca. Applicants should arrange for at least two letters of reference to be sent as well. Review of applications will begin September 15, 2009 and continue until the position is filled.

The application package may also be send by mail to

Professor Jörn Davidsen
Complexity Science Group
Department of Physics and Astronomy
University of Calgary
2500 University Dr. NW
Calgary, Alberta T2N 1N4
CANADA