

# MCRN Newsletter

February 26, 2016 - Issue 12



## Next MCRN Colloquium Webinar

Monday, February 29, 2016, 10am EST: Marc Kjerland,  
Disaster Prevention Research Institute, Kyoto University, Japan

*Adaptive mesh refinement for storm surge modeling*  
[Webinar Link](#)

Abstract: Coastal inundation such as storm surge is a major concern for many of the world's population centers, and recent disasters such as Hurricane Sandy and Typhoon Haiyan highlight the growing risks of climate change. Numerical simulation of storm surge can be challenging due to the large spatial scales required, but using simplified fluid equations and adaptive mesh refinement can greatly reduce computation time with minimal loss of accuracy. In this study we look at an application to Typhoon Haiyan and the potential challenges of this approach.

The next speaker is **Axel Timmermann** (International Pacific Research Center, University of Hawaii) on Monday, March 7, 2016, 4pm EST.

## In case you missed it...

View [Local and non-local mechanisms of Arctic warming](#) by **Vladimir Alexeev**. Feel free to [email him](#) with questions.

## Upcoming

March 2: Minisymposium Proposal  
[Submission Deadline](#) for SIAM  
Conference on Mathematics of  
Planet Earth

## Summer Schools/Workshops

[Climate Time Series Analysis:](#)  
Heckenbeck, Germany; Aug 8- 12  
(basic) and Aug 15- 19 (advanced)

[Dynamical Core Model](#)  
[Intercomparison Project:](#) NCAR,  
Boulder, CO; June 6- 17

[Mathematics and Climate:](#) IMA PI  
Summer Graduate Program at  
University of Kansas; July 18- Aug  
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[Rossbypalooza:](#) University of  
Chicago; July 25- 29