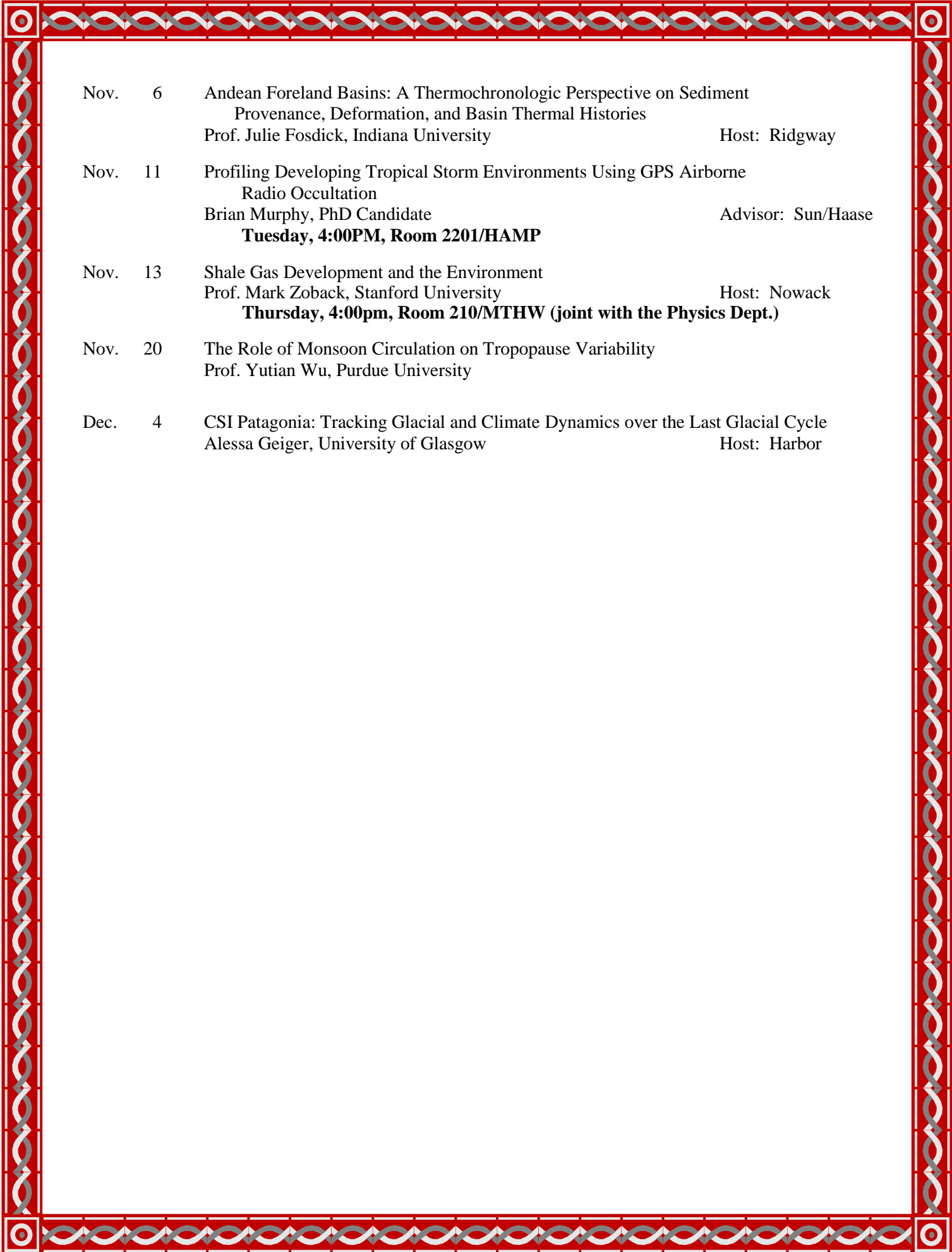


PURDUE UNIVERSITY
Department of Earth, Atmospheric, and Planetary Sciences
Colloquia – Fall 2014
Thursdays at 3:30 PM, Room 1252 HAMP (unless noted)

- | | | | |
|-------|----|---|----------------------|
| Sept. | 4 | When Engineering Geology Meets Geotechnical Engineering
Gary Luce, Knight Piesold & Co., AEG President | Host: West |
| Sept. | 9 | The Impact of Climate Change and Agricultural Activities on Water
Cycling in Northern Eurasia
Yaling Liu, PhD Candidate
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Zhuang |
| Sept. | 11 | The DOE Accelerated Climate Modeling for Energy Project
Dr. Robert Jacob, Argonne National Laboratory | Host: Harshvardhan |
| Sept. | 18 | The Origins of Volatile-rich Solids and Organics in the Outer Solar Nebula
Prof. Fred Ciesla, University of Chicago | Host: Minton |
| Sept. | 25 | Long-term Morphological Changes in Mature Supercell Thunderstorms
Following Merger with Nascent Supercells
Prof. Ryan Hastings, Purdue University | |
| Sept. | 30 | Making Weather and Climate Data More Usable for Agriculture Across
the U.S. Corn Belt
Olivia Kellner, PhD Candidate
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Niyogi |
| Oct. | 2 | New Perspectives on Tidewater Glacier Mass Change
Dr. Tim Bartholomaus, University of Texas-Austin | Host: Elliott |
| Oct. | 9 | Sulfur Cycling on Mars from a Perspective of Sulfur-Rich Terrestrial Analogs
Prof. Anna Szyrkiewicz, University of Tennessee | Host: Horgan |
| Oct. | 16 | Climate Impacts and Extremes in Large Earth System Model Ensembles
Prof. Ryan Sriver, University of Illinois-Champaign/Urbana | Host: Wu |
| Oct. | 21 | Towards a Paradigm Shift in the Modeling of Soil Carbon Decomposition
for Earth System Models
Yujie He, PhD Candidate
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Zhuang |
| Oct. | 23 | Anthropogenic Signals in InSAR
Prof. Rowena Lohman, Cornell University | Host: Elliott/Flesch |
| Oct. | 28 | Giant Impacts on the Asteroid Vesta
Tim Bowling, PhD Candidate
Tuesday, 4:00PM, Room 2201/HAMP | Advisor: Melosh |
| Oct. | 30 | Abiotic and Biogeochemical Controls on Reactive Nitrogen Cycling
on Boundary Layer Surfaces
Prof. Jonathan Raff, Indiana University | Host: Shepson |

(continued on next page)

- 
- Nov. 6 Andean Foreland Basins: A Thermochronologic Perspective on Sediment Provenance, Deformation, and Basin Thermal Histories
Prof. Julie Fosdick, Indiana University Host: Ridgway
- Nov. 11 Profiling Developing Tropical Storm Environments Using GPS Airborne Radio Occultation
Brian Murphy, PhD Candidate Advisor: Sun/Haase
Tuesday, 4:00PM, Room 2201/HAMP
- Nov. 13 Shale Gas Development and the Environment
Prof. Mark Zoback, Stanford University Host: Nowack
Thursday, 4:00pm, Room 210/MTHW (joint with the Physics Dept.)
- Nov. 20 The Role of Monsoon Circulation on Tropopause Variability
Prof. Yutian Wu, Purdue University
- Dec. 4 CSI Patagonia: Tracking Glacial and Climate Dynamics over the Last Glacial Cycle
Alessa Geiger, University of Glasgow Host: Harbor