



# 5<sup>th</sup> Annual Academic High Altitude Conference

University of North Dakota  
June 23-27, 2014

## Call for Papers and Posters

The committee for the 5<sup>th</sup> Annual Academic High Altitude Conference is proud to announce a call for papers and posters for this year's conference, taking place June 23-27, 2014. This year the conference will be held at University of North Dakota in Grand Forks, North Dakota. Submissions are requested from faculty, staff and students that are involved in High Altitude Ballooning in their respective programs.

This year's conference will focus on three areas: research, education and technical development. Authors are encouraged to submit abstracts for projects at all stages of development. **All abstracts must be submitted by March 15<sup>th</sup>, 2014.** Abstracts submitted by this date will be reviewed and invitations for full papers will be sent out by March 31<sup>st</sup>, 2014.

### 2014 Academic High Altitude Conference Topics

- **Research in High Altitude Ballooning**
  - Meteorology and atmospheric science
  - Physics and space science
  - Environmental science and remote sensing
  - Chemistry and biology
  - Collaborative with cross-disciplinary projects
  
- **Education Opportunities in High Altitude Ballooning**
  - Utilizing the Balloon in K-12 STEM education
  - Utilizing the Balloon in core undergraduate studies
  - Using the Balloon in advanced lab courses
  - Collaboration between the university and the public through balloon flights
  
- **Technical Development in High Altitude Ballooning**
  - Launch systems and prediction tools
  - Data logging and communication systems
  - Real-time and programmable control systems
  - Flight stability and return systems
  - Tracking and recovery
  - Engineering special mission requirements

### **Deadlines**

Abstracts – March 15<sup>th</sup>, 2014

Notification of acceptance into the conference – March 31<sup>st</sup>, 2014

Full paper submission – May 30<sup>th</sup>, 2014

Poster & Presentation material submission – June 6<sup>th</sup>, 2014

**Please adhere to the following submission requirements**

**Abstracts** – 200 -300 words. May be submitted in .odt, .docx, .pdf, or LaTeX format.

**Full Papers** – All papers must adhere to the AIAA standard. An author kit is available for download from the AIAA website, <http://arc.aiaa.org/> . Papers may be submitted in .odt, .docx, .pdf, or LaTeX format. Note: All papers will be converted to PDF format for the conference flash drive and on the website.

**Posters and Presentation submissions** – Electronic copies of posters and presentation materials must submitted by June 6<sup>th</sup>, 2014 to be included on the conference flash drive. *Materials submitted after this date will only be available on the conference website.* Presentation files in .pdf, .ppt, or .pptx format are highly recommended.