

### City of Grand Forks

GRAND FORKS is situated 75 miles south of the Canadian border on the Red River of the North. Even before its founding a century ago, fur traders had used the area to rest and barter during their travels between Winnipeg and Minneapolis. Today it plays a similar role as a regional center for retail shopping. Attractions include the Red River Greenway, the Myra Museum, the North Dakota Museum of Art and the John D. Odegard School of Aerospace Sciences on the University of North Dakota campus.

### Accommodations

Greater Grand Forks has numerous hotels and motels. A selection of hotels is offered below, all within a few miles of the UND campus. Room blocks will be held until March 9, 2015.

Hotel	Phone #	Rate (w/o tax)
Econo Lodge	701-746-6666	69.99
My Place	701-757-1717	67.00
Americas Best Value	701-775-0555	60.00
Travelodge	701-772-8151	74.00

More information on lodging can be found on the MICS 2015 website:

[www.micsymposium.org/mics2015](http://www.micsymposium.org/mics2015)

### Preliminary Schedule

#### Friday April 10, 2015

10:00 am - 2:00 pm	Registration
12:00 noon-4:30 pm	Career Fair
12:00 noon-12:30 pm	Opening Remarks
12:30 pm - 2:00 pm	Parallel Technical Sessions
2:30 pm - 4:00 pm	Parallel Technical Sessions
4:30 pm - 5:30 pm	Robot Contest
6:00 pm - 7:30 pm	Banquet and Keynote
8:00 pm - 11:00 pm	Programming Contest

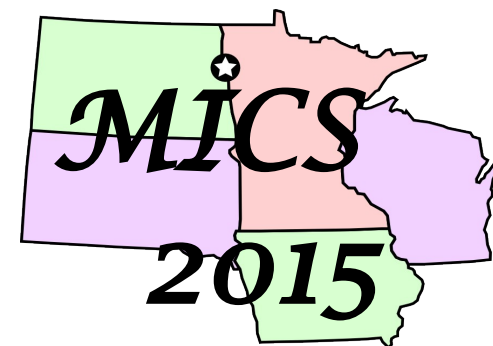
#### Saturday April 11, 2015

8:00 am - 9:00 am	Registration
8:30 am - 10:00 am	Parallel Technical Sessions
10:30 am-12:00 noon	Parallel Technical Sessions
12:00 pm - 1:00 pm	Lunch and Awards

Contact for further information:

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# Midwest Instruction and Computing Symposium



**April 10 – 11, 2015**  
**Memorial Union**  
**University of North Dakota**  
**Grand Forks, North Dakota**

## Call for Participation

**Hosted by:**  
**University of North Dakota**



**Department of Computer Science**  
[www.cs.und.edu](http://www.cs.und.edu)



[www.micsymposium.org/mics2015](http://www.micsymposium.org/mics2015)

## MICS Mission

The Midwest Instruction and Computing Symposium (MICS) is a regional conference dedicated to providing higher education participants an educational experience focused on the integration of computer-based technology in the teaching and learning processes of all disciplines and the incorporation of the study of this technology in the curriculum. The Symposium was established in 1967, making it one of the nation's oldest conferences focusing on computer-related issues at smaller institutions of higher education. For more information on the history and goals of MICS, see

[www.micsymposium.org](http://www.micsymposium.org)

## Keynote Presentation



Dr. David P. Anderson will give a Keynote address on the topic of Volunteer Computing and the BOINC software system. Dr. Anderson is a Research Scientist at the University of California, Berkeley. He directs the BOINC project,

which develops middleware for volunteer computing. Dr. Anderson received graduate degrees in Mathematics and Computer Science from the University of Wisconsin, Madison. He served on the faculty of the UC Berkeley Computer Science Department from 1985 to 1992, then worked at several startup companies before returning to the University. His research interests include volunteer computing, distributed, real-time and multimedia systems, computer graphics, and computer music.

## Career Fair

Student registrants will have the opportunity to meet with representatives from participating companies and graduate programs throughout the region. A list of industry participants and sponsors will be posted on the conference web site.

## Call for Participation

The MICS Program Committee invites you to submit a paper, poster, demonstration, panel discussion topic, or nifty assignment relevant to the MICS mission, which includes the use of computers in instruction, instruction in computer science, integration of research and instruction, and student research. Papers will undergo thorough review by members of the program committee. Faculty and student sessions will run separately. Students may also participate in the programming and robot competitions. To present a paper, panel discussion, or poster/demonstration, or nifty assignment, you must submit a 300-500 word abstract using the electronic submission link on the conference web site by February 7, 2015. Final copy of papers and nifty assignments will be due March 21, 2015.

**Paper:** Papers must be relevant to the MICS mission, and abstracts must provide sufficient detail to judge the merit of the submission. Student papers are strongly encouraged, and an award will be given for the best student paper. A paper is considered to be a student paper if a full-time student is the primary author and presents the paper. Faculty or other students may be listed as secondary authors. Conference registration is required for acceptance and publication of any paper.

**Poster/Demonstration:** Posters and Software Demonstrations presentations can be stand-alone or follow-up previous presentations.

**Panel Discussions:** Panel discussions provide different points of view and facilitate discussion of relevant topics. The abstract should describe the topic and identify the proposed panel members.

**Nifty Assignments:** Nifty Assignment presentations provide a forum for sharing ideas and materials for interesting and provocative classroom assignments. The abstract should describe the assignment and specify the target course and underlying pedagogical concepts. Successful authors will be expected to submit the assignment description as a paper, make a conference presentation, and provide ready-to-use course materials.

**Programming contest:** Student teams will compete against each other to solve interesting and challenging programming problems in an ACM-style contest.

**Robot contest:** Student teams will build and program robots to compete against each other in a format specified on the conference web site.

*For both contests:* Conference and contest registration is required. Each team must be accompanied by a registered faculty coach who is willing to act as a contest coordinator or judge. Specific rules and regulations for each contest will be posted on the conference website. Cash awards will be presented to the top teams at the Saturday luncheon.

## Submission Process

Abstracts are to be submitted electronically using the *EasyChair* submission tool, accessible from the conference web site.

[www.micsymposium.org/mics2015](http://www.micsymposium.org/mics2015)

The abstract should not contain information that identifies the authors. The authors' information will be entered in text boxes at the time of submission. The dates for abstract submission, notification of acceptance, and final papers are given in the table below. Accepted papers will be published in the Proceedings of MICS in electronic form on the conference website.

## Important Dates

Abstract submission deadline	February 7, 2015
Acceptance notification	February 18, 2015
Hotel registration deadline	March 9, 2015
Final paper due	March 21, 2015
Student contest registration	March 21, 2015
Early registration deadline	March 21, 2015
Conference date	April 10 - 11, 2015

## Conference Registration Fees

	By 03/15/15	After 03/15/15
Faculty	\$140.00	\$160.00
Student	\$40.00	\$50.00

## Conference Location

MICS 2015 will be held at the Memorial Union on the University of North Dakota Campus, 2901 University Avenue just west of Columbia Road. The programming contest will be held in O'Kelly Hall.