

WIN: Women in Numbers

Arriving Sunday, November 2 and departing Friday, November 7, 2008

Organizers: Kristin Lauter (Microsoft Research), Rachel Pries (Colorado State University), Renate Scheidler (University of Calgary).

[Information on the Workshop](#)

[Information for Participants](#)

[Confirmed Participants](#)

Application process:

We are now accepting applications from female number theorists for participation in the workshop. Preference for the 20 openings will be given to advanced graduate students, postdocs, and junior faculty with an algebraic or arithmetic focus. All application materials should be in PDF or MS Word format and should be sent to the attention of Helen Mortl at win@ucalgary.ca by **March 1, 2008**. A complete application includes:

- 1) a short written description of your background in number theory and research area;
- 2) (required only for graduate students) a list and description of related graduate coursework;
- 3) (required only for graduate students) a letter of recommendation from your adviser;
- 4) (required only for postdocs and faculty) a curriculum vitae.

Objectives

The purpose of the workshop is to highlight the research of female number theorists. One aim is to introduce female graduate students to potential advisers, collaborators, and thesis problems. A more long-term objective is to increase the participation of women in research activities in number theory and related areas of applications. The goals of this workshop are:

- to highlight research activities of women in number theory;
- to increase the participation of women in research activities in number theory;
- to train female graduate students in number theory and related fields;
- to build a research network of potential collaborators in number theory and related fields;
- to provide information on women in number theory with an inclusive approach;
- to develop opportunities for female faculty at four-year colleges to participate in advising graduate students.

Format:

The proposed format of the workshop is anticipated to be as follows:

- 5-10 female senior researchers will each give several lectures on their research programs and lead projects;
- 5-10 female junior faculty and postdocs will each give one talk;
- 5 female faculty from four-year colleges to lecture or co-lead projects;
- 20-25 female graduate students will work on problem sessions and joint projects. Presentations on progress with these projects are planned for the last one or two days of the workshop

The total number of participants is expected to be approximately 40. We hope to have as many participants as the BIRS facility can hold. BIRS provides room and board free of charge for the duration of the workshop. We have received funding for travel from the [Pacific Institute for Mathematical Sciences](#) and the [Fields Institute](#) and [Microsoft Research](#). We will apply for other sources of funding as well.

WIN Network

As part of this workshop, we will set up a network of the participants. This will include hosting a web page with information on female number theorists from different categories (active researchers, graduate and post-doctoral students, educators). The web page will link to the web pages of participants when possible, and will include an e-mail mailing list for discussion topics. We will also have a list and links to (male and female) advisers, collaborators, and co-organizers of conferences to try to increase the connectivity and inclusiveness of the community. The proposed name of this network is the same as that of the proposed workshop: Women in Numbers (WIN).

