

*up-dated information 12/21/07: please post*

## **The Triennial Ahlfors-Bers Colloquium**

**May 8-11, 2008 at Rutgers-Newark**

*WEBSITE: <http://www.ahlfors-bers.net>*

This is the next in a series of triennial colloquia devoted to the mathematical legacy of Lars Ahlfors and Lipman Bers. The core of this legacy concerns geometric function theory, quasiconformal mapping, Teichmüller theory and Kleinian groups, hyperbolic manifolds, and partial differential equations including Schram/Stochastic-Loewner-Evolution/Equations. In addition the work of Ahlfors and Bers has had an impact on algebraic geometry, mathematical physics, dynamics, geometric group theory, number theory and topology.

Plenary speakers include:

Alex Eskin (Chicago)	David Gabai (Princeton)
William Goldman (Maryland)	Ursula Hamenstadt (Bonn)
Christopher Leininger (Urbana)	William Minicozzi (Hopkins)
Alan Reid (U. Texas)	Steffen Rhode (U. Washington)
Richard Schwartz (Brown)	Stanislav Smirnov (Geneva)

**Support** The conference will be supported by funds from the National Science Foundation and from Rutgers-University Newark. Since funds are limited, we will focus our support on students and early career mathematicians and those without alternate sources of support. We ask mathematicians with alternate sources of support to use those. However, we welcome requests for support from all participants and will do our best to meet all requests. Please go to our web-site to request support: <http://ahlfors-bers.net>

### **Schedule**

**Plenary Talks & Pre-conference Workshops** The plenary talks will begin on the afternoon of May 9th. Several pre-conference workshops will be organized and will run in parallel sessions all day on May 8th and during the morning of May 9th. The workshops will include the areas of conformal analysis, quasiconformal mapping and geometric function theory, geometric structures, moduli spaces, Teichmüller theory, discrete groups, Kleinian groups, hyperbolic geometry, projective geometry, Weil-Peterson geometry, and minimal surfaces. Details soon <http://ahlfors-bers.net>

**Conference Dinner** There will be a conference dinner on Saturday, May 10th at Don Pepe's restaurant in the famous Ironbound section of Newark.

**Panel Discussion** On Friday May 9th there will also be a panel discussion *Lipman Bers as Mentor*. This should be of interest to current mentees and mentors alike. Panelists will include Bers' doctoral students Professor Rubi Rodriguez, President of

the Chilean Mathematics Society and Professor Eddie Williams, Vice-president and Chief Financial Officer at Northern Illinois University. Other panelists include Moon Duchin and Saul Schleimer and Marie Snipes, a student of Juha Heinonen.

**Wine and Cheese Party** Friday, May 9th immediately following talks.

Further information is available at <http://ahflobs-bers.bet> and additional information will be posted there periodically. (Also see <http://ab2008.newark.rutgers.edu>).

Also information can be obtained by e-mailing [ab2008@andromeda.rutgers.edu](mailto:ab2008@andromeda.rutgers.edu) or [gilman@rutgers.edu](mailto:gilman@rutgers.edu).

Send us e-mail if you want to be on the mailing list. Please also send us e-mail addresses of people who should be added to our e-mail list.

*Scientific Organizing Committee:* Kari Astala, (Helsinki), Mario Bonk (Michigan), Dick Canary (Michigan), Alex Eremenko (Purdue), Jane Gilman, chair (Rutgers-Newark), Juha Heinonen (Michigan), Howard Masur (UIC), Yair Minsky (Yale), Mike Wolfe (Rice), Scott Wolpert (Maryland)

*Local Organizing Committee:* Mark Feighn, Jane Gilman, John Loftin, Feng Luo, Lee Mosher, & Chengwen Wang