

## About the Cover

### Differential geometry issue

In 2009 geometer Robert Osserman visited St. Louis to observe and to lecture at Washington University on the mathematical properties of the Gateway Arch. An article based on Osserman's lecture is included in this issue. The cover photograph by Geir Arne Hjelle attests to the awesomeness of a marriage between mathematics and architecture on a grand scale.

The cover photograph was taken on November 23, 2008, from the south leg of the St. Louis Arch, looking north and slightly up. For this magnificent wide angle, unusual shot, the photographer used a Canon EOS 40D camera fitted with a Canon EF-S 17-85mm f4-5.6 IS USM lens.

"I was down at the arch," Geir Arne comments, "looking for a cover picture for my St. Louis photo book, and I guess this was one of the candidates." The photographer later favored a different shot. You can see the other shot at <http://www.flickr.com/photos/hjelle/3439055921/>.

The cover image was composed using GIMP (GNU Image Manipulation Program) freeware. Find it at <http://www.gimp.org/>.

—Steven G. Krantz

