

# Santa Fe Science Café For Young Thinkers

## “Using Computer Games to Simulate Complex Real-World Problems”

**Stephen Guerin, Redfish Group**

*Monday, April 21*

*6 – 8 PM*

*Georgia O’Keeffe Museum Education Annex*

*123 Grant Avenue, Santa Fe*

We seem to be swimming in data these days! Computer visual artists are in demand to help make sense of all that information. Stephen Guerin will demonstrate some practical applications of the visual arts in science using visualization tools developed by local Santa Fe complexity scientists. Examples will include crowd evacuations from Zozobra, from a wildfire in Upper Canyon, and a simulation of boat traffic in the city of Venice, Italy. Come learn how computer games can be used to help people think about these important problems using devices that allow several people to interact with the games at the same time.

The Café is sponsored by the Santa Fe Alliance for Science, the Santa Fe Institute, the Santa Fe Public Schools, the Georgia O’Keeffe Museum and the New Mexico Public Education Department.

**Admission is Free.** Youth (ages 13-19) seating a priority. Light refreshments will be served. Stephen will also appear on The Santa Fe Radio Café with host Mary-Charlotte Domandi at 8:30 am on Monday, April 21, on KSFR 101.1 FM, streaming on the web live at <http://www.ksfr.org>.

Stephen Guerin is President of the Redfish Group , a locally-created and owned business, and founder of the Santa Fe Complex . His work centers on visualization, modeling, and the design of self-organizing systems. Redfish Group's long-term goal is to create living software systems. Stephen lives in Santa Fe with his wife Alison and two young sons.