



# Mineral Locality Symposium

Saturday, October 23, 2010

Followed by a field trip on Sunday, October 24, 2010

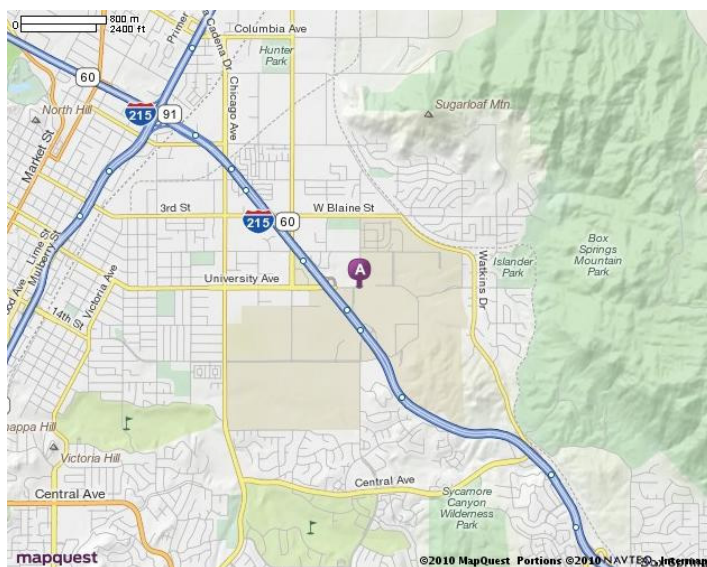
Suggested Donation: \$5.00 (students, \$2.00 with ID) for Saturday Lectures, \$20 for Sunday Field Trip

Sponsored By

**Friends of Mineralogy (Southern California Chapter) & the UC Riverside Geology Department**

UC Riverside  
900 University Avenue  
Riverside, CA 92521  
Genomics Building Auditorium (E-7)  
Phone: 1(760) 728-1130  
<http://www.UCR.edu>  
Parking: \$5, Lot 13 (See included map)

*Directions: Take CA-91 East to CA-60 East.  
Exit the 60 East on University Avenue, turn left (east).  
Turn left on Canyon Crest.  
Turn right on Linden.  
Turn right on Aberdeen.  
Turn left on North Campus Drive.  
Turn left on Big Springs Road.  
Turn right into Parking Lot 13 (G-6 on map).  
Purchase parking pass (\$5) from attendant (tell them you are attending SCFM Symposium).  
Walk to Genomics Building Auditorium (E-7 on map).*



## Saturday Symposium & Sunday Field Trip Information

- 9:00 AM Registration and UCR welcome in Genomics Building Auditorium  
Register Saturday Morning for the Symposium and Sunday Field Trip to the Cryo Genie Mine
- 9:30 Welcome to UCR — Dr. Michael McKibben
- 9:35 Kimberlite Diamonds: Diamond formation; history and role in political/economic stability — Dr. Larissa Dobrzhinetskaya
- 10:20 Break
- 10:30 Lithium-Bearing Pegmatites, Petrogenesis at Pala – Dr. Doug Morton
- 11:15 Kinetics of sulfide mineral oxidation in seawater: implications for mining seafloor hot springs – Gina Romano
- 11:35 Kinetics of tungstate mineral dissolution in groundwater - implications for environmental geochemistry – Danielle Montgomery
- 12:00 PM Lunch at Sub Station (C5)  
Silent Auction in courtyard, *Please bring mineral specimens for auction.*
- 1:30 Lab Tours – Geology Building (E6)  
High Pressure lab 1:30-2:00  
Mineral Kinetics lab 2:00-2:30  
SEM/TEM facility 2:30-3:00
- 3:00 FILM: RED DIAMONDS: Exploration in Australia
- 4:30 Discuss Field Trip Logistics to the Cryo Genie Mine, (4WD, high clearance vehicles, car pooling available)  
You must register for the FT on Saturday at the symposium to receive instructions/directions/and participation fees for collecting at the tourmaline mine. (NO Exceptions!). You will need to sign a liability waiver on Saturday to attend the FT. Register so that we do not forget your arrival at the meeting place on Sunday.