

Agenda

08:00 am – 08:30 am

Breakfast and Registration

Continental breakfast & guest registration

08:30 am – 08:40 am

Welcoming Remarks

08:40 am – 09:00 am

UREP Status and Progress Summary

Summary of Progress – E. Ozkan

09:00 am – 10:00 am

Research Reports – Part I

Experimental and Numerical Modeling and Analysis

Research Proposal: Nano-scale Flow and transport: Experiments and Numerical Simulations – X. Yin

Research Report: Fracture-Matrix Interaction from Pore-Scale Direct Numerical Simulations (DNS) – F. Xiao

Research Report: Investigation of the Interface Conditions Between Nano-Porous Matrix and Fractures of Unconventional Reservoirs – A. Albinali

10:00 am – 10:15 am

Coffee Break

10:15 am – 11:00 am

Research Reports – Part II

Multi-Phase Flow Research and Thermodynamics in Confinement

Research Report: Bubble Point Suppression in Unconventional Liquid-Rich Reservoirs and Its Impact on Oil Production – T. Firincioglu

Research Proposal: Impact of Confinement on Dew Point Pressure in Unconventional Gas Condensate Reservoirs – E. Parsa

11:00 am – 12:00 am

Research Reports – Part III

Numerical Modeling of Multiphase Flow in Unconventional Reservoirs

Research Report: Handling Bubble-Point Suppression in Reservoir Simulation – C. Ozgen

Research Proposal: Numerical Solution and Modeling Issues in Confinements – C. Ozgen

Research Proposal: Capillary Pressure in Unconventional Reservoirs – C. Ozgen

Address

Colorado School of Mines
Petroleum Engineering. Dept.
Marquez Hall
1600 Arapaho Street
Golden, Colorado 80401

Meeting Room

Marquez Hall (MZ) 108

Contact Person

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Driving Directions

From Denver Int. Airport:
Take Peña Blvd and drive 11.4 miles to merge onto I-70W; in 18.1 miles take exit 265 to merge onto CO-58W toward Golden / Central City; drive 4.6 miles and take Washington St exit; turn left to Washington St and drive 0.7 miles; turn right to 16th street; Marquez Hall is on the left at the corner of the 16th St and Arapaho.

From Downtown Denver:
Take US-6W/6th Ave; drive 10 miles and turn right to 19th St; in 0.3 miles turn left to Illinois St and in 0.2 miles turn right to 16th St. Marquez Hall is on your right at the corner of the 16th St and Arapaho.

12:00 pm – 01:00 pm

Lunch Break

Marquez Hall Atrium

01:00 pm – 02:00 pm

Research Reports – Part V

Non-Local Anomalous Diffusion in Fractured Nano-Porous Media

Research Proposal: Experimental Investigation of Osmotic Pressure and Surface Forces in Nano-Porous Unconventional Reservoirs – A. Revil/M. Prasad

Research Report: Fractal Formulation of Flow Toward Wells in Fractured Unconventional Reservoirs – R. Raghavan/C. Chen

Research Report: Non-Local, Memory-Dependent Fractional Diffusion in Nano-Porous Reservoirs – E. Ozkan

02:00 pm – 02:15 pm

Coffee Break

02:15 pm – 03:00 pm

Research Reports – Part IV

Experimental/ Theoretical/ Modeling

Research Proposal: Application of Fractals to Modeling and Analysis of Naturally Fractured Unconventional Reservoirs – O. Ozcan

Research Proposal: Modeling the Effect of Osmotic Pressure on Diffusion in Nano-Porous Matrix – F. Geren

Research Proposal: Fractal Modeling of Liquid-Rich Reservoirs – I. Eker

Research Report: High-Compressibility Effects in Unconventional Reservoirs; Modeling and Implications on Production Data Analysis – C. Komurcu/L. Thompson

03:00 pm – 03:15 pm

Coffee Break

03:15 pm – 05:00 pm

Advisory Board Meeting

Proposal of UREP Research topics

Research priorities and funding level

05:00 pm

Adjourn

Suggested Hotels

The following hotels are located in Downtown Golden and within walking distance of Campus. Mention that you are attending a CSM function.

Table Mountain Inn

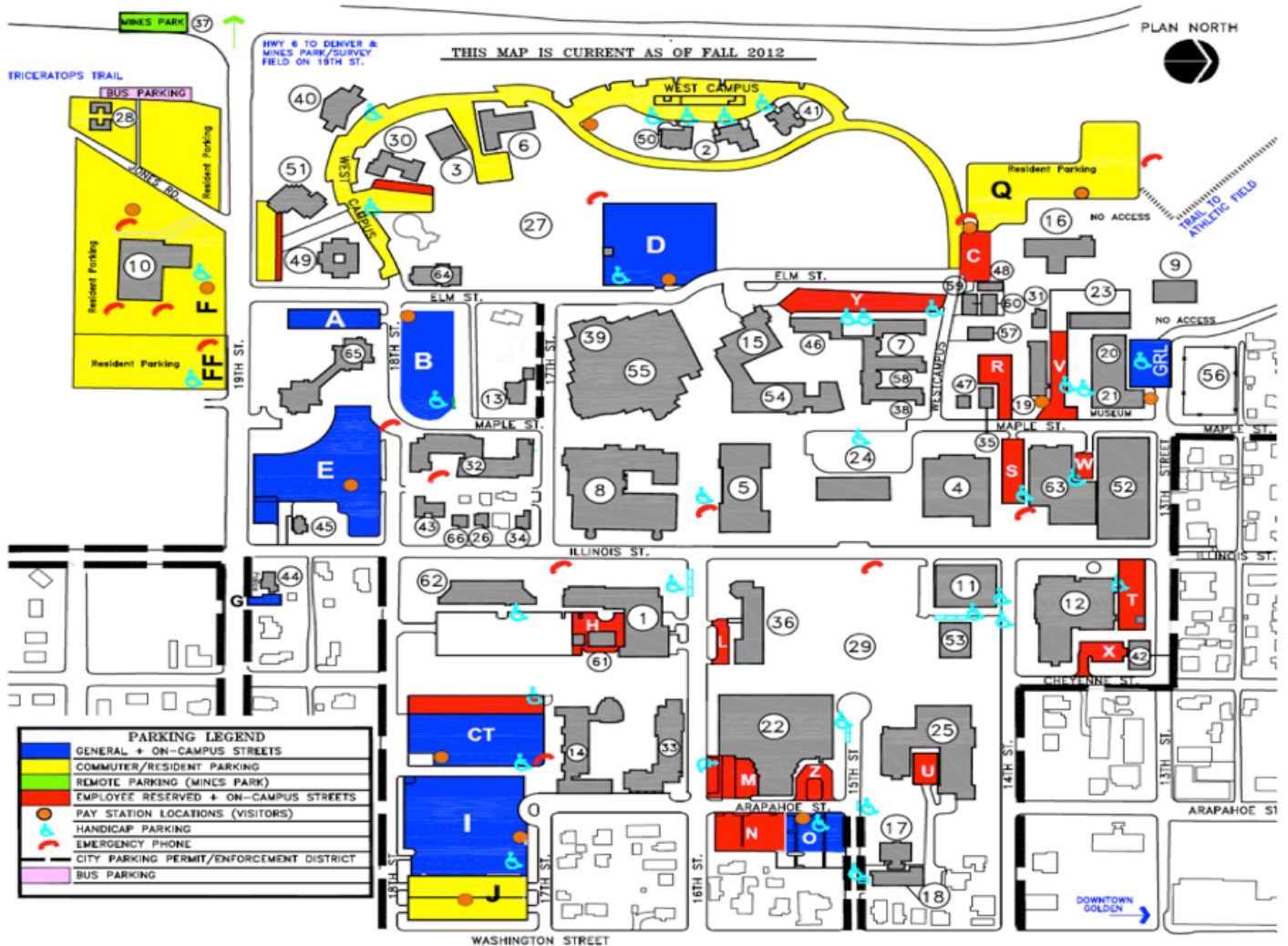
1310 Washington Avenue
Golden, Colorado 80401
(303) 277-9898
(800) 762-9898
(<http://www.tablemountaininn.com/>)

The Golden Hotel

800 11th Street
Golden, CO 80401
(303) 279 0100
(800) 233 7214
(<http://www.golden-hotel.com/>)

Parking Instructions

Parking on campus during operational hours (Monday-Friday 7 a.m.-5 p.m.) requires a metered parking permit. Park in the General (blue), street parking (blue) or Commuter (yellow) lots (<http://www.mines.edu/MapsDirectionsParkingInfo>). All visitor parking areas have a pay and display parking meter. Please visit the pay stations to receive a parking permit. Pay station meter rates for General (blue) parking are \$1.50 per hour or \$8 daily; rates for Commuter lots are \$1.25 per hour or \$6 daily. Metered parking permits must be displayed on your dashboard.



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