

Agenda – November 9, 2018

08:30 am – 08:55 am *Continental Breakfast*

08:55 am – 09:00 am *Introduction & Opening Remarks – E. Ozkan*

Phase Behavior 09:00 am – 10:00 am

09:00 am – 09:20 am *Summary and Background – X. Yin*

09:20 am – 09:40 am *Determining Capil. Condens. in MCM-41 by Oscillations – K. Krishnan*

09:40 am – 10:00 am *Using Oscillations to Measure Gas in Pores – S. Pratepswangwong*

Hydraulic Fracture Diagnostics 10:00 am – 10:20 am

10:00 am – 10:20 am *Diagnostic Fracture Injection Tests – M. Mohamed*

10:20 am – 10:40 am *Coffee Break*

PVT in a Chip 10:40 am – 11:30 am

10:40 am – 11:00 am *Modeling Phase Behavior with Capillary Pressure – A. Kamruzzaman*

11:00 am – 11:30 am *Optically Measuring Pressure in Micro-Fractures – Kaia Corp.*

Osmotic Pressure, Mass Transfer, EOR I - 11:30 am – 12:00 pm

11:30 am – 12:00 pm *2-Phase Flow Experiments and Numerical Simulation – R. Hanashmooni*

12:00 pm – 01:00 pm *Lunch Break (Marquez Hall Atrium)*

Osmotic Pressure, Mass Transfer, EOR II - 01:00 am – 01:40 pm

01:00 pm – 01:20 pm *Determining Osmotic Pressure Using High-Speed Centrifuge – I. O. Uzun*

01:20 pm – 01:45 pm *Fracture to Matrix Mass Transfer in Unconventional Reservoirs – I. Eker*

Anomalous Diffusion 01:45 pm – 02:15 pm

01:45 pm – 02:15 pm *Estimating Diffusion Coefficient by Molecular Models – Y. B. Coskuner*

02:15 pm – 02:30 pm *Coffee Break*

Hindered Transport & CO₂ EOR 02:30 pm – 03:30 pm

02:30 pm – 02:50 pm *Molecular Modeling of Filtration in Nanoporous Media – J. Huseynova*

02:50 pm – 03:10 pm *Hindered Transport and CO₂ Injection in Niobrara Samples – Z. Zhu*

03:10 pm – 03:30 pm *Laboratory Study of CO₂ Effect on Hydrocarbon Filtration – Z. Liu*

Discussions and Wrap Up 03:30 pm – 04:00 pm

03:50 pm – 04:00 pm *Phase IV Research, Discussions, and Final Comments – Group*

04:00 pm *Adjourn*

Address

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

Meeting Room

Marquez Hall (MZ) 108

Contact Person

Ms. Denise Winn-Bower
Research Administrator
Phone: [303-273-3945](tel:303-273-3945)
Fax: [303-273-3189](tel:303-273-3189)
E-mail: dwinnbow@mines.edu

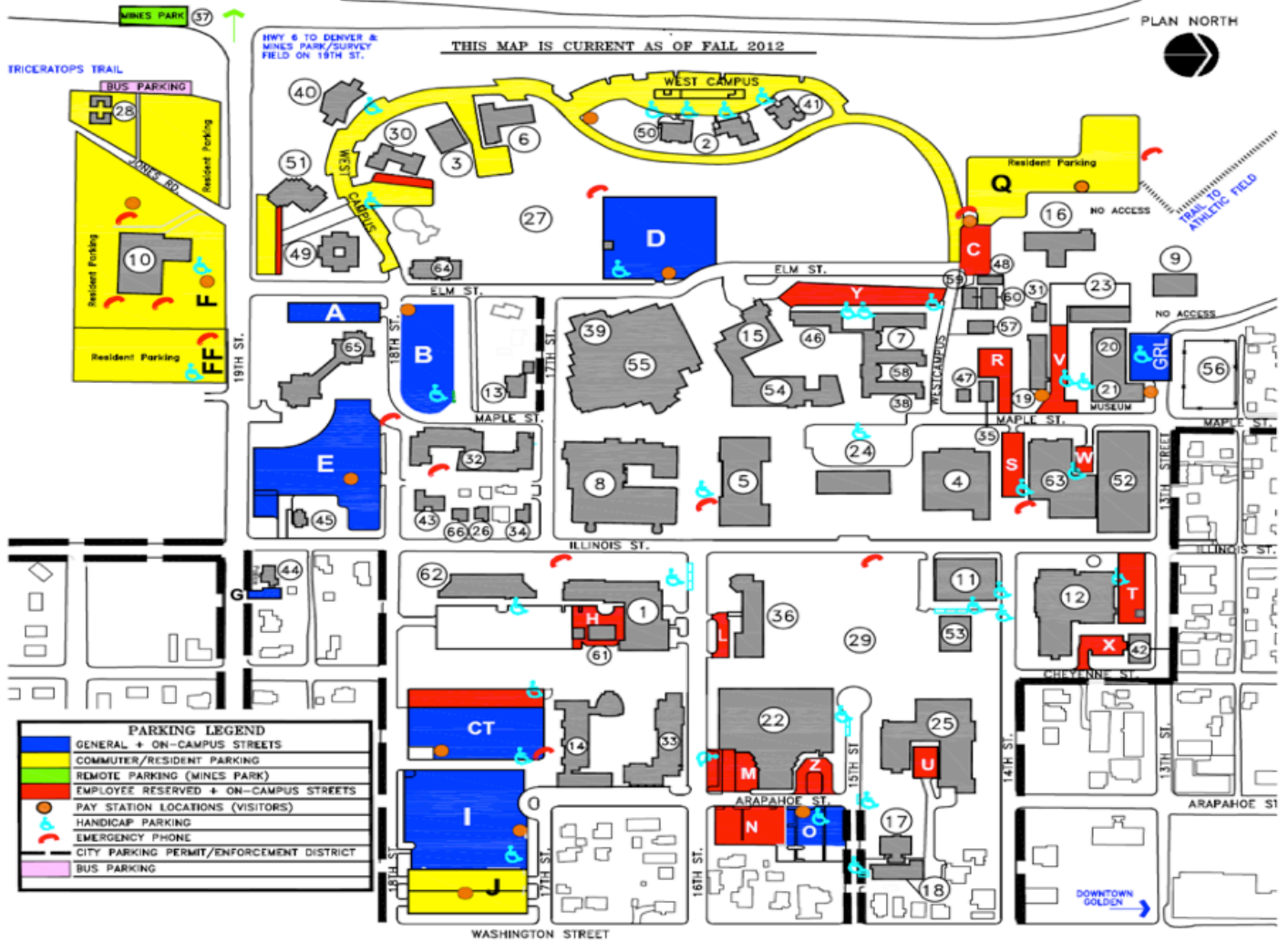
Driving Directions

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.

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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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/>)