

Agenda – November 3, 2017

08:30 am – 09:00 am *Continental Breakfast*

09:00 am – 09:15 am *Introduction & Opening Remarks – E. Ozkan*

Phase Behavior 09:15 am – 10:30 am

09:15 am – 09:30 am *Summary and Background – X. Yin*

09:30 am – 09:45 am *Measurement of Condensation in Rocks Using Oscillation – K. Krishnan*

09:45 am – 10:00 am *Measurement of Condensation in Nanofluidics – A. Kamruzzaman*

10:00 am – 10:30 am *Molecular Simulation of Phase Behavior – Y.B. Coskuner*

10:30 am – 10:45 am *Coffee Break*

PVT in a Chip 10:45 am – 11:30 am

10:45 am – 11:15 am *Non-Intrusive Pressure Measurement Technology– Kaia Corp.*

11:15 am – 11:30 am *Demo and Discussion – Kaia Corp.*

Analysis of Well Responses 11:30 am – 12:10 pm

11:30 am – 11:40 am *Superposition Time for Highly Compressible Linear Flow – E. Ozkan*

11:40 am – 12:00 pm *Hyd. Frac. Modeling of an Enhanced Geothermal System. – K. Kutun*

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

Pore/Molecular-Scale Modeling 01:00 pm – 01:15 pm

01:00 pm – 01:15 pm *Slip flow of gases through nanopores – Y. Tian & X. Yin*

Filtration 01:15 pm – 02:00 pm

01:15 pm – 01:30 pm *Temperature Effect on Filtration Efficiency – J. Huseynova*

01:30 pm – 01:50 pm *Filtration Experiments in Niobrara Samples – Z. Zhu*

01:50 pm – 02:00 pm *Experimental Study of Hydrocarbon Filtration – Z. Liu*

02:00 pm – 02:15 pm *Coffee Break*

New Research Directions 02:15 pm – 02:45 pm

02:15 pm – 02:30 pm *Modeling P&T Measurements with Fiber Optics – C. Beokhaimook*

02:30 pm – 02:45 pm *CSM DOE Proposal for Large Scale Experimental Facility – E. Ozkan*

Wrap Up 02:45 pm – 03:15 pm

02:45 pm – 03:15 pm *Summary and Group Discussion – E. Ozkan*

03:15 pm *Adjourn*

Address

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

Meeting Room

Marquez Hall (MZ) 106

Contact Person

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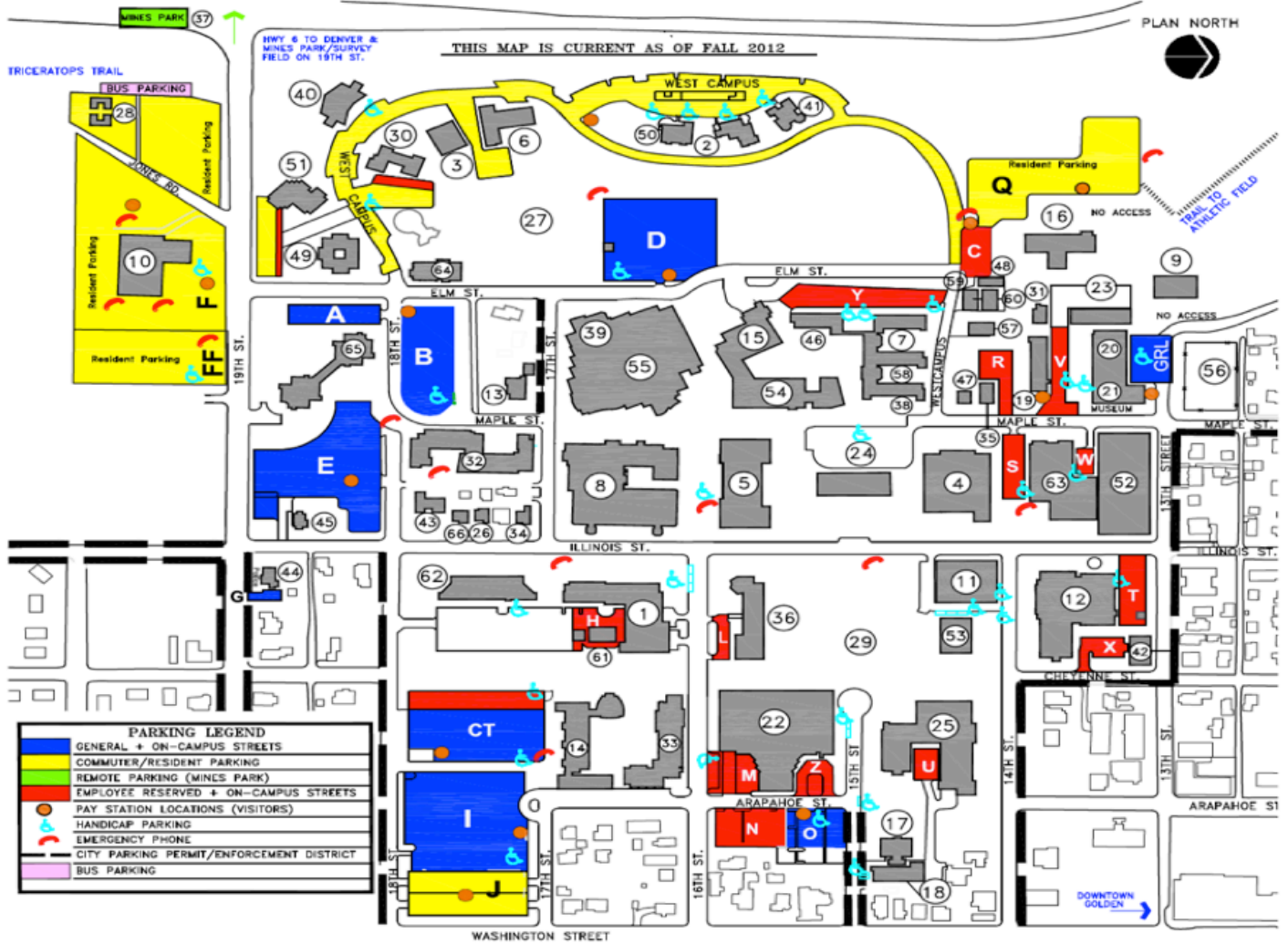
Driving Directions

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.

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.



COLORADO SCHOOL OF MINES

MAY 2012

KEY TO FACILITIES

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| 1. ALDERSON HALL (AH) | 28. JONES APARTMENTS (ZQ & ZR) | 57. THE PINES—FOUNDATION (6S) |
| 2. ALPHA PHI SORORITY (Z4) | 29. KAFADAR COMMONS | 58. THOMAS HALL (TH) |
| 3. ALPHA TAU OMEGA FRATERNITY | 30. KAPPA SIGMA FRATERNITY | 59. TIMBERLINE #1—UNIVERSITY ADVANCEMENT (7S) |
| 4. ARTHUR LAKES LIBRARY (LB) | 31. LOCK SHOP (S3) | 60. TIMBERLINE #2—UNIVERSITY ADVANCEMENT (8S) |
| 5. BERTHOUD HALL (BE) | 32. MAPLE HALL (RH) | 61. UNIT OPERATIONS LAB (UO) |
| 6. BETA THETA PI FRATERNITY | 33. MARQUEZ HALL (MZ) | 62. U.S.G.S. OFFICES AND LAB (GS) |
| 7. BRADFORD HALL (BR) | 34. MCBRIDE HONORS (ZS) | 63. VOLK GYMNASIUM (GY) |
| 8. BROWN HALL (BB) | 35. MFP (Z1) | 64. W. LLOYD WRIGHT STUDENT WELLNESS CENTER (WC) |
| 9. CARPENTER SHOP (1S) | 36. MEYER HALL (MH) | 65. WEAVER TOWER (WT) |
| 10. CENTRAL RECEIVING/RECYCLING AND MUSIC PROGRAM (CR) | 37. MINES PARK COMMUNITY CENTER | 66. WISEM (ZV) |
| 11. CHAUVENET HALL (CH) | 38. MORGAN HALL (MO) | |
| 12. COOLBAUGH HALL (CO) | 39. OUTDOOR RECREATION (RC) | |
| 13. COOLBAUGH HOUSE (ZO) | 40. PHI GAMMA DELTA FRATERNITY (Z1) | |
| 14. CTLM (CT) | 41. PI PHI SORORITY (Z3) | |
| 15. DINING HALL (SC) | 42. POWER PLANT (HP) | |
| 16. EMI DRILLING LABORATORY (EM) | 43. PRESIDENT'S HOME | |
| 17. ENGINEERING HALL (EH) | 44. PUBLIC SAFETY ANNEX (ZG) | |
| 18. ENGINEERING HALL ANNEX (EA) | 45. PUBLIC SAFETY (ZJ) | |
| 19. FACILITIES MANAGEMENT, PARKING & CAPITAL PLANNING & CONSTRUCTIONS (FM) | 46. RANDALL HALL (RA) | |
| 20. GENERAL RESEARCH LAB (RL) | 47. ROTC (ZK) | |
| 21. GEOLOGY MUSEUM (RL) | 48. ROTC (5S) | |
| 22. GREEN CENTER (GC) | 49. SIGMA ALPHA EPSILON FRATERNITY | |
| 23. GROUNDS/TRUCK SHOP (ZS) | 50. SIGMA KAPPA SORORITY (Z5) | |
| 24. GUGGENHEIM HALL (GH) | 51. SIGMA PHI EPSILON FRATERNITY | |
| 25. HILL HALL (HH) | 52. STEINHAUER FIELD HOUSE (FH) | |
| 26. INTERNATIONAL PROGRAM (ZH) | 53. STRATTON HALL (SH) | |
| 27. INTRAMURAL FIELD (IM) | 54. STUDENT CENTER (SC) | |
| | 55. STUDENT RECREATION CENTER (RC) | |
| | 56. TENNIS COURTS | |

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/>)