



UNCONVENTIONAL RESERVOIR ENGINEERING PROJECT
COLORADO SCHOOL OF MINES



UREP Spring 2017 Advisory Board Meeting

INTRODUCTION & OPENING REMARKS

Erdal Ozkan



UNCONVENTIONAL RESERVOIR ENGINEERING PROJECT

Advisory Board Meeting, May 5, 2017, Golden, Colorado

Agenda

Phase Behavior

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

09:30 am – 10:05 am *Vibrational Gravimetric Analysis of Capillary Condens.– Y. Cho*

10:05 am – 10:30 am *3 ϕ Flash Calc. & App. to Adsorp.-Vapor-Liquid Eq. – R. Gao*

10:30 am – 10:45 am Coffee Break

PVT in a Chip

10:45 am – 11:05 am *Non-Intrusive Press. Meas. in Nano Cracks – Kaia Corp.*

11:05 am – 11:20 am *Rock-on-a-Chip Design– Kaia Corp.*

11:20 am – 11:40 am *Grant & Patent Applications – Kaia Corp.*

Analysis of Well Responses

11:40 am – 11:55 am *Pseudo Linear Flow Analysis of Rate Responses – E. Ozkan*

11:55 am – 12:15 pm *Analysis of DTS Data - A Quantitative Approach – K. Kutun*

12:15 pm – 01:15 pm Lunch Break (Marquez Hall Atrium)



Agenda (Cont.)

Pore/Molecular-Scale Modeling and Measurements

01:15 pm – 01:45 pm *Molecular Simulation of Phase Behavior* – Y.B. Coskuner

01:45 pm – 02:05 pm *Meas. of Slip Flows in Nanofluidics & Rocks* – X. Yu & Y. Tian

Filtration

02:05 pm – 02:20 pm *P & T Effects on Filtration Efficiency* – E. Ozkan

02:20 pm – 02:40 pm *Discuss. of Filtration Experiments in Niobrara Samples* – Z. Zhu

02:40 pm – 02:50 pm *Experimental Study of Hydrocarbon Filtration* – Z. Liu

02:50 pm – 03:00 pm Coffee Break

Wrap Up

03:00 pm – 03:10 pm *Summary* – E. Ozkan

03:10 pm – 03:30 pm *Group Discussion*

03:30 pm Adjourn



People

UREP Faculty

Erdal Ozkan
Xiaolong Yin
Luis Zerpa

UREP Students

Tugce Caliskan, PhD
Jamila Huseynova, PhD
Ziming Zhu, PhD
Zhijun Liu, PhD
Y. Berk Coskuner, MSc
Recep Bakar, MSc

Affiliated Students

Kagan Kutun, MSc
Younki Cho, PhD
Asm Kamruzzaman, PhD
Kamilia Putri, MSc
Ran Gao
Xiangyu Yu
Ye Tian

Student Emeriti

Tuba Firincioglu, PhD
Filiz Geren, MSc
Ozlem Ozcan, MSc
Andreas M. L. Gaol, MSc
Caglar Komurcu, MSc
Caglar Yesiltepe, MSc
Juan Carlos Carratu, MSc
Lei Wang, PhD
Elham Parsa, PhD
Ali Albinali, PhD
Ralf Holy, PhD
Wisam Assiri, PhD

UREP Affiliates

NITEC	KAIA
Chet Ozgen	Umit Kaya
Tuba Firincioglu	Akin Koksal
Hulya Sarak	Elham Parsa
	Ken Mahrer

