



UREP Spring 2017 Advisory Board Meeting

INTRODUCTION & OPENING REMARKS

Erdal Ozkan



Agenda

Phase Behavior

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

09:30 am – 09:45 am *Measurement of Condensation 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 – 11:15 am *Non-Intrusive Press. Measurement Technology – Kaia Corp.*

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

Analysis of Well Responses

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

11:40 am – 12:00 pm *Hyd. Frac. Modeling of a 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 *Slip flow of gases through nanopores – Y. Tian & X. Yin*



Agenda (Cont.)

Filtration

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

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

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

Wrap Up

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

03:15 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

Asm Kamruzzaman, PhD

Kamilia Putri, MSc

Keerthana Krishnan, MSc

Ye Tian, PhD

Chayapod Beokhaimook, MSc

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

Younki Cho, PhD

UREP Affiliates

NITEC

Chet Ozgen

Tuba Firincioglu

Hulya Sarak

KAIA

Umit Kaya

Akin Koksai

Elham Parsa

Ken Mahrer

