



中國石油大學 (华东)
CHINA UNIVERSITY OF PETROLEUM



KAZAKH KBTU BRITISH
T E C H N I C A L
U N I V E R S I T Y

2nd China-Kazakhstan International Workshop on Nanomaterials and Petroleum Energy

**Наноматериалдар мен мұнай энергиясы бойынша
2-ші Қытай-Қазақстан халықаралық семинары**



Host: China University of Petroleum (East China) (UPC)

Kazakh-British Technical University (KBTU)

Organizer: China-Saudi Belt and Road Joint Laboratory on Petroleum Energy

School of Petroleum Engineering (UPC)

International Office (UPC)

Science and Technology Office (UPC)

December 10 2021

Qingdao, China

Beijing Time: December 10 2021 (Engineering Building E1903)

Platform: Microsoft Teams (<https://teams.live.com/meet/95498664767956>)

Host	Time	Content
Yongfei Yang	10:00-10:40	<p>Opening Ceremony</p> <ul style="list-style-type: none"> • Introduction to the workshop and guests by Prof. Wanli Kang • Speech by Leader of China University of Petroleum (East China) • Speech by Leader of Kazakh-British Technical University, Gabdullin Maratbek, rector, professor • Speech by Leader of School of Petroleum Engineering, Caili Dai, dean, professor • Speech by Leader of International Office • Speech by Prof. Saule Aidarova, academician, China University of Petroleum (East China), Kazakh-British Technical University
Wanli Kang	10:40-11:00	<p>Mingwei Zhao: Professor, China University of Petroleum (East China), China Title: The development and application of active nanofluid in tight oil reservoirs</p>
	11:00-11:20	<p>Yan Zhang: Taishan Scholar youth expert, Postdoctoral Innovative Talent, associate professor, University of Jinan, China Title: Flexible electronics based on paper</p>
11:20-11:30		Coffee Break
Zhe Li	11:30-11:50	<p>Hairong Wu: Associate professor, China University of Petroleum (Beijing), China Title: Amphiphilic janus nanofluid designed for enhanced oil recovery in low permeability reservoir</p>

	11:50-12:10	Nurzhan Beisenkhanov: Professor, Kazakh-British Technical University, Kazakhstan Title: Double layer antireflection coatings for solar cells
	12:10-12:30	Shaoran Ren: Professor, China University of Petroleum (East China), China Title: Application of air injection for oil recovery from heavy and light oil reservoirs
12:30-14:30		Noon Break
Saule Aidarova	14:30-14:50	Savvas G. Hatzikiriakos: Academician, University of British Columbia, Canada Title: A complete rheological characterization of fluids
	14:50-15:10	William R. Rossen: Professor, Delft University of Technology, Netherlands Title: Injectivity in surfactant-alternating gas foam injection for enhanced oil recovery and carbon sequestration
	15:10-15:30	Reinhard Miller: Professor, Darmstadt University of technology, Germany Title: The adsorption of surfactants at water/oil interfaces
	15:30-15:50	Yin Zhang: Associate Professor, University of Alaska Fairbanks, USA Title: Alaska north slope oil and gas resources development: challenges and opportunities
	15:50-16:10	Hongbin Yang: Assistant professor, China University of Petroleum (East China), China Title: Development and application of functional polymer microspheres in enhanced oil recovery progress
16:10-16:20		Coffee Break

Bauyrzhan Sarsenbekuly	16:20-16:40	Jiatong Jiang: Ph.D candidate, University of Leeds, UK Title: Viscous droplets detachment mechanisms at wettability boundary of topologically homogenous and heterogeneous surfaces
	16:40-17:00	Lingxiang Jiang: Professor, South China University of Technology, China Title: Liquid animation driven by optothermal phase separation
	17:00-17:20	Abdulakhat Ismailov, Aibek Abdukarimov: Dean, vice-dean, Professor, Kazakh-British Technical University, Kazakhstan Title: The challenge of education to the energy transition
Hongbin Yang	17:20-17:40	Ospanova Zhanar B., Fariza Amankeldi: Professor, KazNU Al-Farabi, Kazakhstan Title: Particle stabilized foams (pickering foams) and their application
	17:40-18:00	Bauyrzhan Sarsenbekuly: Researcher, China University of Petroleum (East China), Kazakh-British Technical University Title: Salt tolerant polymers for EOR
	18:00-18:20	Altynay Sharipova: Associate professor, Kazakh-British Technical University Title: Development and characterization of stable surfactant/nanoparticles foam for application in enhanced oil Recovery
18:20-18:30	Closing Ceremony Summary by Prof. Wanli Kang and outlook for 3 rd China-Kazakhstan International Workshop on Nanomaterials and Petroleum Energy	