



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/join/95498664767956>)

Host	Time	Content
Yongfei Yang	10:00-10:40	Opening Ceremony <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	Mingwei Zhao: Professor, China University of Petroleum (East China), China Title: The development and application of active nanofluid in tight oil reservoirs
	11:00-11:20	Yan Zhang: Taishan Scholar youth expert, Postdoctoral Innovative Talent, associate professor, University of Jinan, China Title: Flexible electronics based on paper
11:20-11:30		Coffee Break
Zhe Li	11:30-11:50	Hairong Wu: Associate professor, China University of Petroleum (Beijing), China Title: Amphiphilic janus nanofluid designed for enhanced oil recovery in low permeability reservoir

	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	