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4th International Conference on

Chemical Engineering

Chemical Engineering 2018

September 17-18, 2018 | Vancouver, Canada

Tentative Program

Day -1 @ Pacific Gateway Hotel at Vancouver Airport

8:30-9:30	**Registrations**
9:30-10:00	**Opening Ceremony**

Keynote Forum

10:00-10:40	Title: Role of science in developing of enhanced oil and gas resources being environmentally sound and protecting water use
	Davis L Ford, The University of Texas at Austin, USA

Networking & Refreshment Break 10:40-11:00 @ .....

11:00-11:40	Title: Application of cavitation process in bitumen recovery from oilsands
	Adango Miadonye, Cape Breton University, Canada
11:40-12:20	**Title:** The past and future of enhanced oil and gas extraction in the United States
	Ramesh Agarwal, Washington University, USA

Panel Discussions

Sessions: Chemical Engineering | Chemical Polymer Technology | Applications of Chemical Technology | Petroleum Refining and Petrochemicals | Environmental and Sustainable Chemical Engineering

Chair	-
Co-Chair	-
12:20-12:50	**Title:** Theory and application practice of the binary mixtures sol-gel transition concept for fire and explosion prevention
	Denis S. Kuprin, Saint Petersburg State University, Russia

Group Photo @ .....

Lunch Break 13:00-14:00 @ .....

14:00-14:30	**Title:** Modification of epoxy resins by thermoplastic polyurethanes based on polycarbonate diol
	Milorad Ninkovic , University of Novi Sad, Serbia
14:30-15:00	**Title:** Cleaner and greener fuels from an integrated petroleum refinery
	Anand Prakash, University of Western Ontario, Canada
15:00-15:30	**Title:** Catalytic performance of siderite catalysts on low-temperature SCR of NO by NH3
	Gui-huan Yao, Nanjing Tech University, PR China

Panel Discussions

Poster Presentation

15:30-15:40	**Title:** On the features of estimating the coefficient of inhomogeneity of a loose mixture during the operation of a gravitational device
	Anna Kapranova, Yaroslavl State Technical University, Russia

Coffee Break (15:40-16:00)

Video Presentations

16:00-16:20	**Title:** A new approach to modeling and simulating of mass transfer processes in industrial column apparatuses
	Christo Boyadjiev,Bulgarian Academy of Sciences, Bulgaria
16:20-16:40	**Title:** A new family of catalysts based on a mining residue: The case of Ni-UGSO and its application to biogas, bio-oil and aromatic hydrocarbons reforming
	Nicolas Abatzoglou, Université de Sherbrooke, Canada

Panel Discussions

Day 1 concludes....

Day -2 @ Pacific Gateway Hotel at Vancouver Airport	
Keynote Forum	
10:00-10:40	**Title:** On the influence of the degree of opening of the regulator valve separator on the process of formation of cavitation bubbles.
	Anna Kapranova, Yaroslavl State Technical University, Russia
Networking & Refreshment Break 10:40-11:00 @	
11:00-11:40	Title: Crystal nucleation and growth in undercooled melts of metals and alloys
	Dieter Matthias Herlach, DLR-Institut für Materialpysik im Weltraum, Germany
Panel Discussions□	
Group Photo @	
Sessions: Chemical Engineering | Crystallization | Unit Operations and Separation Process	
Chair	**Ying Liu, University of Illinois , USA**
11:40-12:10	**Title:** Resurrection of U.S. Coal using Hydrothermal Liquefaction
	Rakesh Govind, University of Cincinnati, USA
12:10-12:40	**Title:** Inulin extraction using different non-conventional techniques
	Lorena Jaramillo, National Polytechnic School, Ecuador
12:40-13:10	**Title:** Exfoliation Syndrome: Targeting protein Fibrils in the Eye
	Mehdi Ghaffari Sharaf, University of Alberta, Canada
Panel Discussions	
Lunch Break 13:10-14:10 @...	