



APPIH

AMERICAN PETROLEUM PROFESSIONALS OF IRANIAN HERITAGE

Iran to clients - Buy our oil and get joint ventures too

Reuters report: Iran has unveiled details for long-awaited foreign cooperation contracts which it hopes will attract oil buyers and investors to modernize its ageing infrastructure, including offers to take part in joint ventures to extract its huge reserves. The United Nations endorsed a deal in July to end years of economic sanctions on the Islamic republic over its nuclear program, also approved by US congress. Iran, a member of the Organization of the Petroleum Exporting Countries (OPEC), has some of the world's biggest oil and gas reserves, and officials have identified around four dozen projects worth \$185 billion it hopes to develop by 2020. Iran exported almost 3 million barrels per day (bpd) of crude at its peak before Western sanctions over its alleged ambitions to build a nuclear bomb saw shipments collapse to about 1 million bpd over the last 2-1/2 years. Tehran hopes to add 500,000 bpd to production within two months of easing sanctions, and as much as 1 million bpd in 6-7 months.

India ready to invest over \$15 billion in Iran; seeks cheaper gas

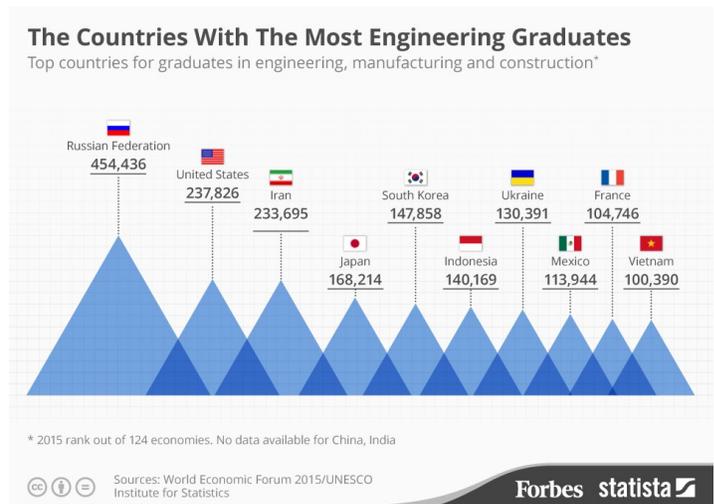
Reuters India Reports: India is ready to invest more than \$15.2 billion to build projects in Iran including taking up full-scale development of Chabahar Port if Tehran offers better terms including cheaper gas, Shipping Minister Nitin Gadkari said on Wednesday. India hopes to take a decision on Iran's latest offer by early October after obtaining reports from other ministries including petroleum, chemical and fertilizer, and steel by Monday, Shipping Secretary Rajive Kumar said. The port of Chabahar in southeast Iran is central to India's efforts to circumvent arch-rival Pakistan and open up a route to landlocked Afghanistan where it has developed close security ties and economic interests. The port can also serve as a gateway to the resource-rich countries of Central Asia. In May, Gadkari and his Iranian counterpart, Abbas Ahmad Akhondi, signed an \$85 million deal for India to lease two existing berths at the port and use them as multi-purpose cargo terminals. India is seeking gas at \$1.50 per million British thermal units (mmBtu) compared to \$2.95 offered by Iran for building a urea plant there, Gadkari said. He said building a plant in Iran and importing urea from there to India will help save a part of the 800 billion rupees (\$12.13 billion) in subsidies and halve the prices for farmers. "If the gas price is reasonable then all departments in India can together take up projects in the special economic zone there and investment will be

Ali Ghalambor Receives DeGolyer Distinguished Service Medal

Dr. Ali Ghalambor, a former professor and chairman at the University of Louisiana at Lafayette, receives 2015 DeGolyer Distinguished Service Medal which recognizes distinguished service to SPE, the profession of engineering and geology, and to the petroleum industry. Recipients of this award automatically become Distinguished Members of SPE.

Iran is among top three “Countries With The Most Engineering Graduates”

Forbes Reports: According to research conducted by the World Economic Forum (which excludes China and India due to lack of data), Russia leads the way, producing an annual total of 454,000 graduates in engineering, manufacturing and construction. The United States is in second position with 237,826 while Iran rounds off the top three with 233,695.



New Iranian Faculties

Dr. Mehdi Mokhtari joined the University of Louisiana at Lafayette as an assistant professor of petroleum engineering in August 2015. Mehdi is a graduate of petroleum engineering from Colorado School of Mines (PhD), Middle East Technical University (M.Sc.) and Petroleum University of Technology (B.Sc.). Recently, Mehdi worked for Statoil, NER Inc. and Tesco Corp. Mehdi has received several distinguished awards including SPE STAR fellowship from Society of Petroleum Engineers and Erasmus Mundus fellowship from European Commission. Mehdi serves as the executive editor and managing guest editor of Journal of Natural Gas Science and Engineering (JNGSE) and reviewers for several journals including SPE journals. Dr. Mokhtari's research interests include: petrophysics and geomechanics of shale gas and oil resources, computational fluid dynamics in drilling and fracturing, and complex fracture mechanics. He can be reached at mokhtari.mehdi@louisiana.edu



Dr. Hossein Emadi joins Department of Petroleum Engineering at Texas Tech University as an assistant professor from September 2015. Hossein is a recent graduate of PhD program in Petroleum Engineering Department at Texas Tech University, and holds M.Sc and B.Sc from Petroleum University of Technology. Hossein has been an instructor in the past year and has 6 years of experience as drilling supervisor and wellsite drilling engineer at Petropars and National Iranian Oil Company. Dr. Emadi's research interest include: wellbore stability, rock mechanics, horizontal well technology, and shale oil and gas. He can be reached at: h.emadibaladehi@ttu.edu



Updated list of **Iranian faculties** active in US petroleum Institutions is now available on APPIH [website](#). We are now compiling Canadian faculties' info to add the list.

APPIH Third Annual Meeting

On behalf of American Petroleum Professionals of Iranian Heritage (APPIH), we cordially invite you to attend the 3rd annual meeting in Houston Texas on Sunday September 27. The meeting will begin at 5:30 PM. The 2015 APPIH meeting will be held in George R. Brown Convention Center, Room 362F (3rd Floor above Hall D).

Upcoming Events at ATCE 2015

Following Iranian authors will present at ATCE on various topics:

- Alireza Haghghat (Eclipse Resources) - CO₂ Leakage by real time pressure measurement
- Kaveh Amini (TTU)- 3D thermal model for Hydraulic Fracturing
- Milad Saidian (CSM)- effect of mineralogy on NMR surface reactivity
- Mehrdad Zamirian (WVU) - key petrophysical properties of shale
- Somayeh Karimi (CSM)- a case study on NMR and CMR on Bakken
- Mohammad khoshghadam (UofH) - Shale GOR behavior
- Mohammad Kazemi (WVU)- an analytical model for gas apparent perm in shales
- Hadi Arabnejad (Tulsa) - Solid particle erosion equations
- Hamid Reza Karami (Tulsa) - Three-Phase Low Liquid Loading Flow
- Cyrus Ashayeri (USC)- OPEC and Unconventional Resources
- Arash Shadravam (Baker)- Rheological Hierarchy Optimization
- Kazemi Nia Korrani (UT)- Modified Salinity Waterflooding in Carbonate Reservoirs
- Ali Shahamiri (CMG)- CFD Compositional Wellbore Model
- Mohsen Rezaveisi (UT)- Effect of Capillary Pressure on Phase Behavior
- Hamid Reza Lashgari (UT)- Surfactant-Gas Flooding Modeling in a Four-Phase Flow
- Saeid Khorsandi- Tie-Line Solutions for MMP Calculations
- Elham Parsa(CSM)- Impact of Nanopore Confinement On Petroleum Gas Condensation
- Reza Majidi (BP)- Drilling Depleted Sands
- Omid Razavi (UT)- Wellbore Strengthening in Narrow Drilling Margin Wells
- Arjang Gandomkar (UT)- Leak-Off Test Model
- Jay Sepehri (HAL)- Effect of Reservoir Layering on HF Micro Deformation
- Saneifar (A&M)- Effect of Heterogeneity on Fluid Injectivity
- Jahanbakhsh (Heriot-Watt)- Estimation of Relative Permeability and Capillary Pressure
- Zolfaghari (UofA)- Pore Size Distribution from Water Adsorption Isotherm
- Kianinejad (UT)- Three-Phase Relative Permeability in Consolidated Media
- Fatemi (Heriot-Watt)- Mechanistic Study of the Effect of Gas/Oil IFT
- Dabirian (Tulsa)- CFD Simulation of Turbulent Flow
- Forouzanfar (Tulsa)- Formulation of a Transient Thermal Compositional Wellbore
- Dabirian (Tulsa)- Sand Transport in Stratified Flow in a Horizontal Pipeline
- Mehrabi (Tulsa)- The Boundaries of Horizontal Drilling
- Ganjdanesh (UT)- Treatment of Condensate and Water Blocks in Hydraulic Fractured
- Shakiba (UT)- Characterizing Complex Hydraulic Fracture Networks
- Ghasemi (NUST)- Compositional Variation in SAGD
- Eghbali (UofA)- Successive Substitution Augmented for Global Minimization of the Gibbs Free Energy