



APPIH

AMERICAN PETROLEUM PROFESSIONALS OF IRANIAN HERITAGE

Message from President of APPIH

Dear petroleum professionals of Iranian heritage,

It is with great pleasure to send you this newsletter and inform you of our progress and the upcoming events. As you know, APPIH is a non-political and non-profit organization with the key objective of promoting technical excellence amongst its members. With your support, we can achieve our goals that are aligned with our mission and vision. Please have a look at our [website](#) to familiarize yourself with APPIH and, if interested, join us. Also, we are open to any suggestions that would make APPIH a better organization. Thank you.

Reza Fassihi, APPIH president



How Would The Iran Nuclear Deal Impact Oil Prices?

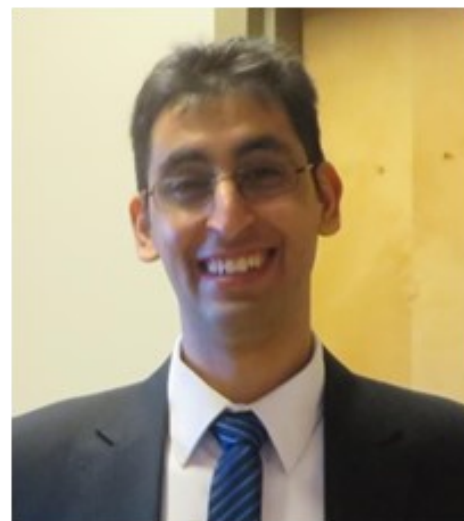
Forbes reports: Iran could introduce as much as 30 million barrels of crude oil into the market almost immediately as soon as the sanctions are lifted. The country will easily be able to ramp up its production by around 1 million barrels per day over a period of 8-12 months after the sanctions are lifted, as it would be just about starting up shut down wells. Since the Iranian exports will be entering an already oversupplied market, it will have to offer some discounts to buyers in order to lure them into long-term contracts. This will further increase the competition for market share in the global crude oil market and might even lead to Saudi Arabia following an even more aggressive approach on pricing, as it is not in favor of the U.S. and other world powers to ease sanctions on Iran. We have therefore reduced our short to medium term price estimate for crude oil on growing signs of a final deal between Iran and the world powers by the end of this year. We currently forecast spot crude oil prices (Brent) to average around \$63 per barrel this year and increase gradually to around \$93 per barrel by 2021.

Iran May Offer West New Oil Terms

WSJ reports: Iran is prepared to offer longer-term and more profitable contracts to oil and gas companies if a nuclear deal is reached and sanctions are lifted, Bill Spindle reports. But the companies also would be expected to share more technology and management expertise with Iranian partners under the contract overhaul led by Iranian Oil Minister Bijan Zanganeh. A sanctions agreement could unleash a flood of foreign investment into Iran's oil and gas fields, many of which are old and need advanced production techniques that major Western oil companies possess. Iran's energy sector needs at least \$185 billion in investment over the next six years, said Amir Zamaninia, a senior deputy oil minister who left Iran's nuclear negotiating team five months ago to oversee the ministry's interactions with foreign companies.

New Iranian faculty joins Penn State University

Dr. Hamid Emami-Meybodi is currently a Postdoctoral Fellow in the Department of Geoscience at the University of Calgary (UC), Canada, focusing on mathematical methods for production data analysis of liquid-rich shale reservoirs. Hamid holds a BSc degree in petroleum engineering from the Petroleum University of Technology (PUT), an MSc/MEng dual degree in chemical/petroleum engineering from PUT/UC, an MSc and a PhD degree in petroleum engineering from UC. Having more than 10 years of professional and research experience in various aspects of petroleum engineering, his research interests include both experimental and computational aspects of transport phenomena in porous media with applications to CO₂ storage in geological formations, unconventional shale and tight rock reservoirs, chemical enhanced oil recovery, and hydraulic fracturing. Hamid has been recently appointed as an Assistant Professor in the Department of Energy and Mineral Engineering at the Penn State University (PSU) effective from August 2015.



SPE Webinar: Transforming E&P Applications through Big Data Analytics

Dr. Shahab Mohaghegh will be presenting a webinar at SPE R&D Technical Committee on July, 09 2015. The topic is : Data Driven Analytics in the Upstream Oil and Gas Industry.

The questions that will be addressed are: What is Data-Driven Analytics / Data Analytics? What are the main components of this technology? Who should be the owners and the champions of Data-Driven Analytics in a company? Is this an IT related technology or is more related to drilling, completion, geosciences, reservoir and production engineering? What are the commonalities and differences between the application of this technology in the oil and gas industry as compared to other industries? Who are the main players? What expertise are required? What is the relationship between Data-Driven Analytics and Physics? Is it really a black box? How does “Big Data” relate to data driven analytics? Registration for the webinar is Free. More information can be found in this [link](#).



Upcoming NEWS at URTEC 2015

Dahi Taleghani (LSU) and Siavash Hakim Elahi (USC) will be presenting papers on fracture detection and evaluation using microseismic.

Morteza Akbarabadi (UofW) will present on spontaneous imbibition of fracturing fluid.

Mojtaba Pordel Shahri (Weatherford) and Reza Safari (Weatherford) will present on completion and stimulation practices.

Ayaz Mehmani (UT) will present on techniques for imaging unconventional at multi scales.

Behnaz Rahmani (A&M) will present on reservoir production modeling.

Dehghanpoor (UofAlberta) and Abdollah Orangi (Hess) will present papers on rock physics and multiphase flow.

Continue. Upcoming NEWS at URTEC 2015

Mohamad Khoshgahadam (UofH) presents Production Mechanisms in Liquid-Rich Shale Oil Reservoirs.

Zoha Nasizadeh (BP) present on advances in well testing.

Mehdi Hadad (UT) will present on restimulation.

Shahab Mohaghegh (WVU) will present on the impact of formation vs. completion in production from shale.

Matt Honarpour and Mehdi Mokhtari are the chairs for rock physics and multiphase flow sessions.

3rd Annual APPIH Meeting and Scholarship September 27, 2015 Houston,

On behalf of the program committee for APPIH (American Petroleum Professionals of Iranian Heritage), we extend an invitation to you for your participation at the 3rd APPIH annual meeting. It will be held in the evening of Sunday, Sept 27, 2015 in conjunction with the ATCE in Houston, TX. For more information please visit our website.: <http://www.appih.org/>. Nomination forms for APPIH scholarship must arrive at the APPIH by August 1, 2015. To learn more about APPIH scholarship, please visit

<http://www.appih.org/appih-annual-prize-for-scholarship/>.

List of Petroleum Engineering Faculties with Iranian Heritage

Saint Francis University	Nicholls State University	University of Wyoming	Texas Tech University	West Virginia University	University of Alaska Fairbanks
Alireza Shahkarami	AliReza Edrisi	Mohammad Piri	Amin Ettehadtavakkol	Shahab Mohaghegh	Mohabbat Ahmadi
University of Louisiana	University of Texas Austin	University of Kansas	University of Tulsa	Ebrahim Fathi	University of Oklahoma
Asadollah Hayatdavoudi	Kamy Sepehrnoori	Shapour Vossoughi	Fahim Forouzanfar	Ali Takbiri-Borujeni	Ahmad Ghassemi
Saeed Salehi	Mojdeh Delashad	Reza Barati	Mohammed Shahvali	Kashy Aminian	Ahmad Jamili
Mehdi Mokhtari	University of Southern California	University of North Dakota	Louisiana State University	Samuel Ameri	Rouzbeh Ghanbarnezhad
Colorado School of Mines	Iraj Ershaghi	Vamegh Rasouli	Babak Akbari	Texas A&M University	Maysam Pournik
Hossein Kazemi	Muhammad Sahimi	Mehdi Ostadhassan	Arash Dahi	Hadi Nasrabadi	Ahmad Sakhaec-Pour
University of Houston	Behnam Jafarpour	Hadi Jabbari	Mehdi Zeidouni	Zoya Heidari	Yale University
Ali Daneshy				Sara Abedi	Abbas Firoozabadi