

## **(Theme: “Innovation, Exploration and Production of Hydrocarbons”)**

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### **Summary:**

Petroleum Engineering 2016 is the platform to gain or share the knowledge in the new technological developments in the field of chemical engineering. This conference brings together professors, researchers, and practitioners in all the areas of Petroleum Engineering and provides an international forum for the spreading of approved research results, new ideas and practical developments. We are honoured to invite you all to attend and register for the “International Conference on Petroleum Engineering (Petroleum Engineering 2016)” which is going to be held during September 12 - 14, 2016 in Phoenix, USA.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the Petroleum Engineering 2016, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Petroleum Engineering 2016 organizing committee look forward to meeting you in Phoenix, USA.

For more details please visit: <http://petroleumengineering.conferenceseries.com/>

### **Importance & Scope:**

**Petroleum engineering is ideally the science of exploration and extraction of petroleum based hydrocarbons like crude oil, natural gas and other energy forms from the earth for economic purposes. Petroleum engineering can only be undertaken through the design, drilling and successful operation of the wells and their systems.**

**"Petroleum engineering is a combination of innovation, exploration and expansion. This major fuels the world and provides the building blocks for every other profession to effectively carry out its work."**

**Energy is a key component in our everyday lives. A secure energy future requires a balance between environmental impact and affordable supply. Petroleum and geosystems engineers are able to address and solve important issues that will lead to energy security and thus are in high demand.**

Petroleum engineers increasingly use advanced computers, not only in analysis of exploration data and simulation of reservoir behavior, but also in automation of oilfield production and drilling operations. Petroleum companies own many of the world's supercomputers.

Petroleum engineers have a future full of challenges and opportunities. They must develop and apply new technology to recover hydrocarbons from oil shale, tar sands, and offshore oil and gas fields. They must also devise new techniques to recover oil left in the ground after application of conventional producing techniques.

Since many petroleum companies conduct worldwide operations, petroleum engineers have the opportunity for assignments all over the world. Petroleum engineers must solve the variety of technological, political, and economic problems encountered in these assignments.

## **Why Phoenix**

Phoenix is the capital and largest city of the state of Arizona. Phoenix is the most populous state capital in the United States, as well as the sixth most populous city nationwide. Phoenix is the anchor of the Phoenix metropolitan area, also known as the Valley of the Sun, which in turn is a part of the Salt River Valley. The city is the 13th largest metro area by population in the United States. Phoenix is the county seat of Maricopa County and is one of the largest cities in the United States by land area. Phoenix has a hot desert climate typical of the Sonoran Desert in which it lies. Phoenix has long, very hot summers and short, mild winters.

The early economy of Phoenix was focused primarily on agriculture and natural resources, dependent on the "5Cs" of copper, cattle, climate, cotton, and citrus. The top five industries were: real estate, financial services, manufacturing, health care, and retail. The city is a home to numerous institutions of higher learning Arizona State University, Barrow Neurological Institute, Grand Canyon University, Arizona Christian University, University of Phoenix, Phoenix School of Law.

## **Why to attend?**

The conference aims at multi-disciplined audience with diverse commercial, technical, corporate, operations, planning sectors of the upstream industry. Meet Your Target Market with members from around the world focused on learning and sharing about Upstream Scientists/Engineers; this is your single best opportunity to reach the largest assemblage of participants from the global Oil industry. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name recognition at this 3-day event. World-renowned speakers, the most recent techniques, tactics, and the newest breakthroughs in the upstream sector of oil and gas are hallmarks of this conference.

### **TOP UNIVERSITIES IN USA**

Louisiana State University and Agricultural & Mechanical College

Pennsylvania State University

Texas A & M University

**Texas Tech University**

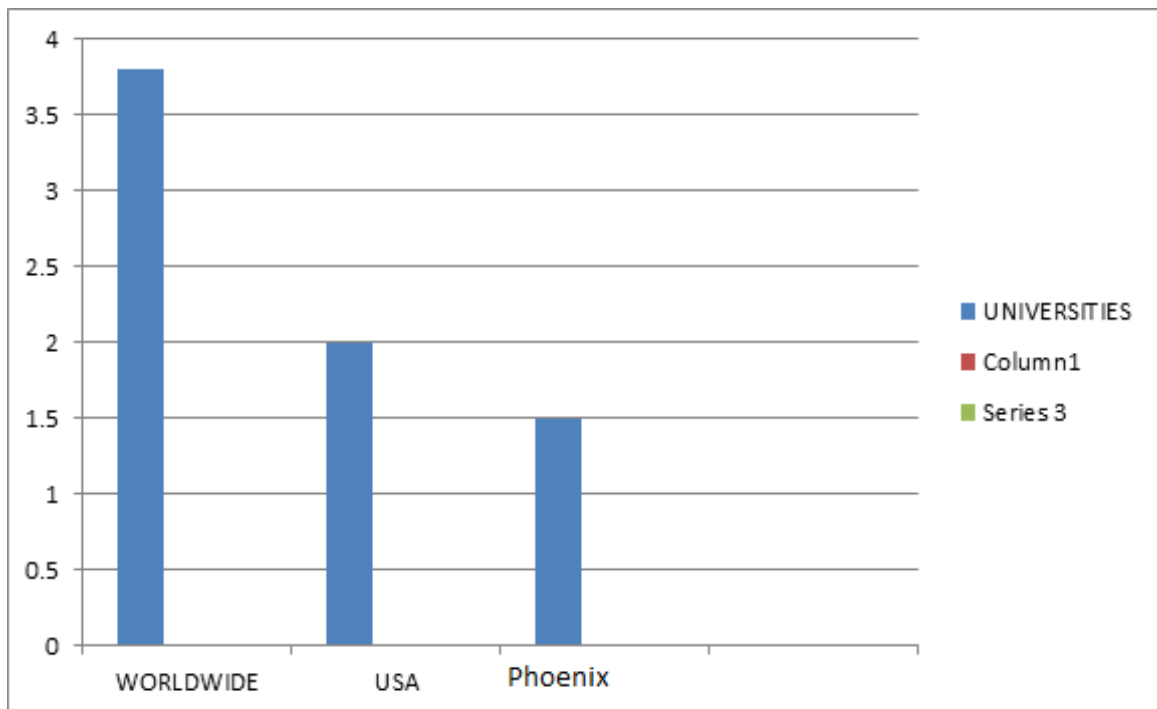
**University of Houston**

**University of Kansas**

**University of Texas at Austin**

**University of Southern California**

**Wayne State University**



## **Major Petroleum Engineerings Research Associations around the Globe:**

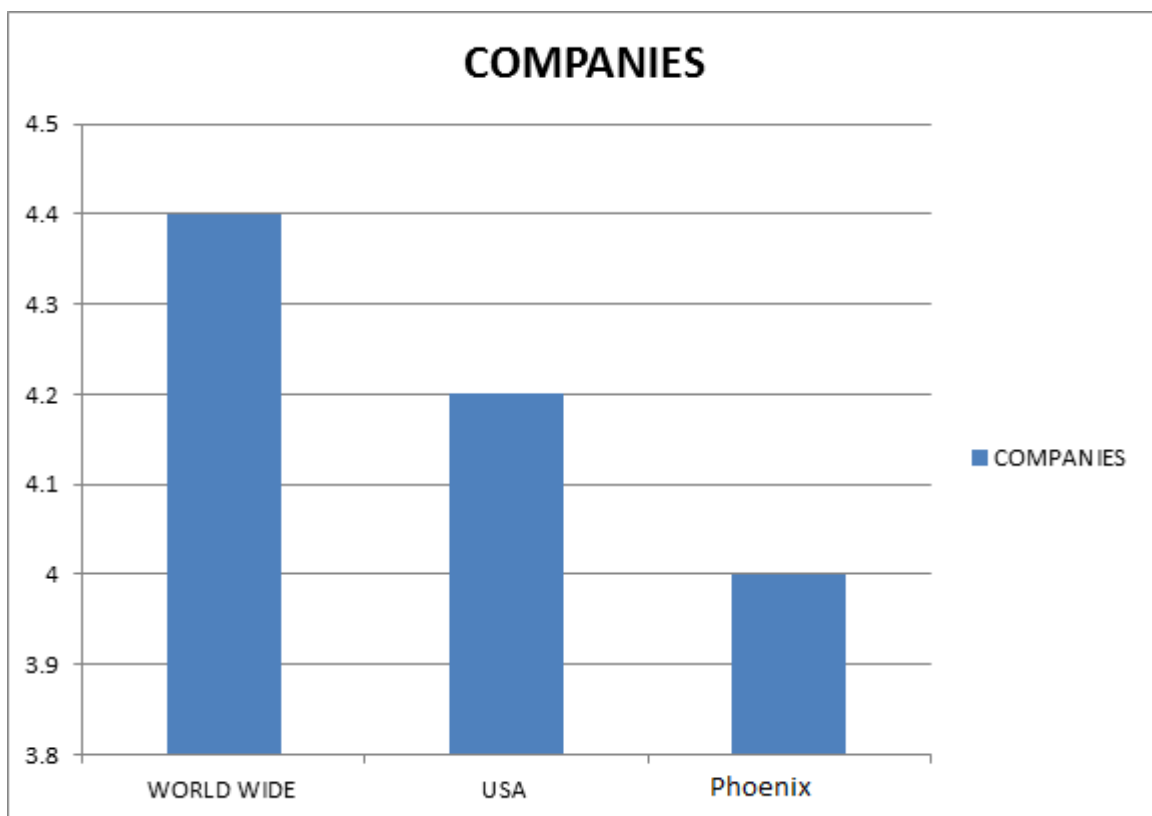
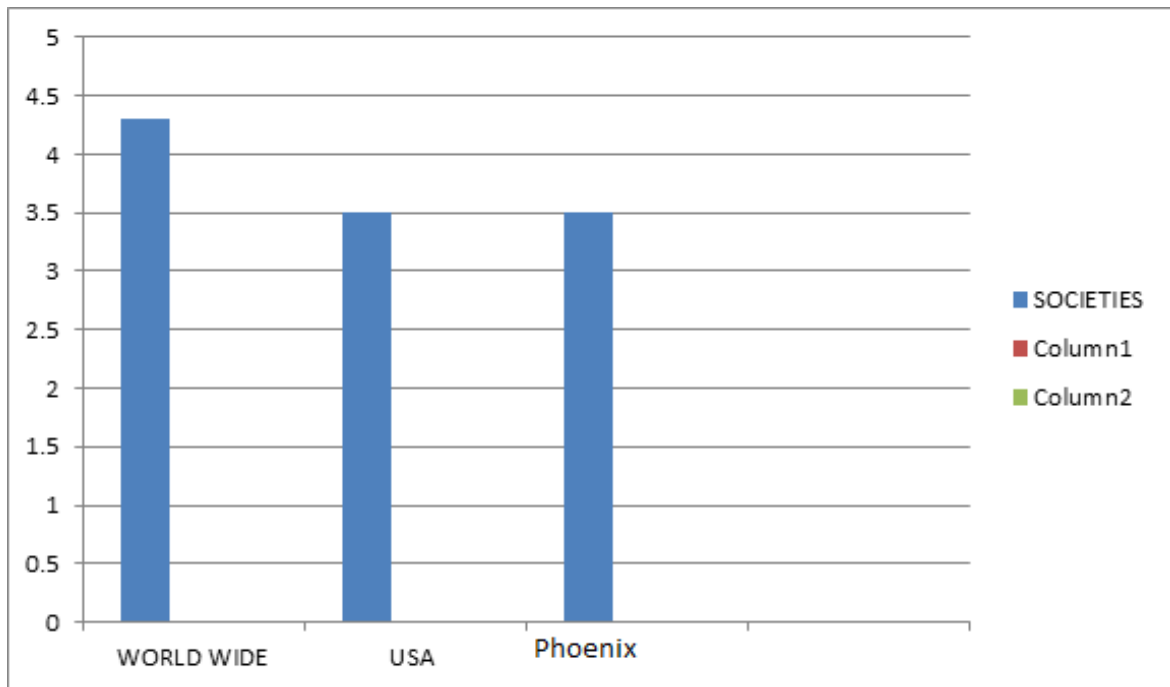
- 1. American Association of Petroleum Geologists**
- 2. American Institute of Mining, Metallurgical, and Petroleum Engineers**
- 3. Canadian Association of Oilwell Drilling Contractors**
- 4. Canadian Association Of Petroleum Producers**

5. Pennsylvania Petroleum Association
6. American Fuel and Petrochemical Manufacturer
7. Society of Petroleum Engineers
8. Independent Petroleum Association of America
9. American Association of Petroleum Geologists
10. The Petroleum Marketers Association of America
11. US Oil and Gas Association
12. Petroleum Motor Transport Association
13. The Petroleum Marketers Association of America
14. Japanese Association for Petroleum Technology
15. Independent Petroleum Association of America

### **Major Petroleum Engineering Research Associations in USA:**

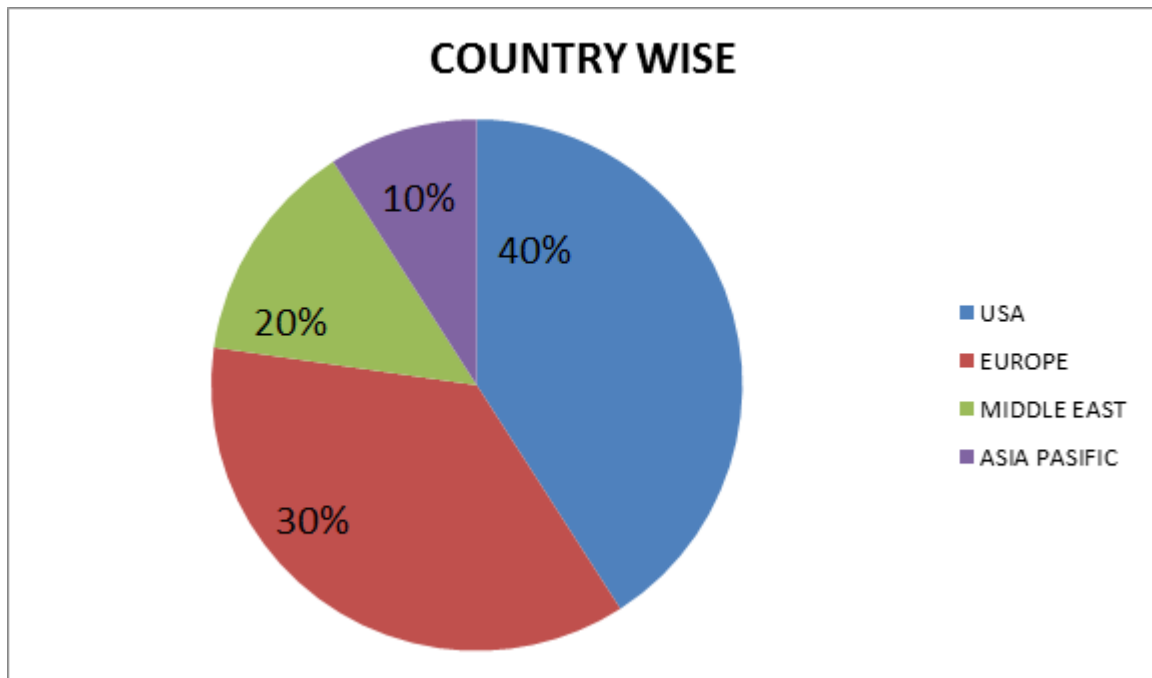
1. University of Texas at Austin
2. Texas A&M
3. Colorado School of Mines
4. University of Oklahoma Norman Campus
5. Texas Tech
6. Stanford University
7. University of Houston
8. University of Southern California
9. West Virginia University

### **Statistical Analysis of Associations and Societies:**



### Target Audience:

**Eminent Scientists/ Research Professors, Junior/Senior research fellows, Students, Directors of companies, Engineers, Members of different physics associations.**



### Glance at Market of Advertising and Marketing:

Backed by new oil fields, the global petroleum market has generated about \$5 trillion in revenue and has posted a strong growth of 11.9%. During the same period the U.S market generated \$730 billion in revenue and has generated a growth of 7.6%. According to a survey the OPEC production capacity grows by 2.1 mb/d and reaches 37 mb/d by 2019 with Iraq to supply 60% of the growth. The projected oil demand of Organization of the Petroleum Exporting Countries is expected to increase from 9.5 million barrel per day in 2015 to 11.9 million barrels per day in 2035.