

# Future Petroleum Engineers Forum

Beijing, China

May 22<sup>nd</sup> -May 23<sup>rd</sup>, 2021

Welcome

## Introduction



**SPE Student Chapter**

**China University of Petroleum, Beijing**

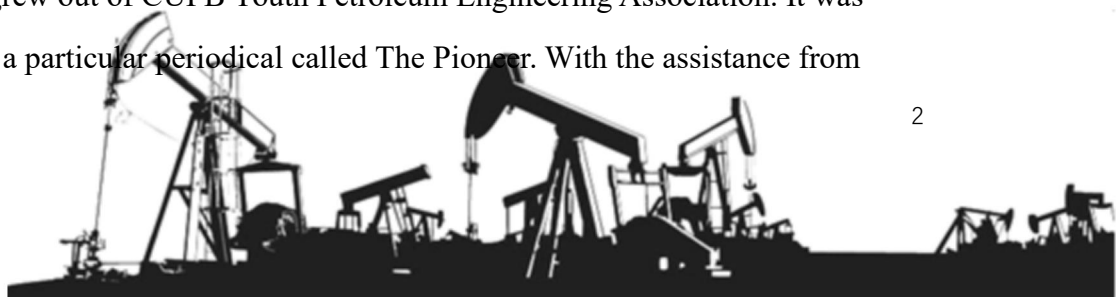
## About SPE CUPB SC

中国石油大学（北京）SPE 学生分会的前身是中国石油大学（北京）青年石油工程协会，该协会成立于 1995 年，并设有专门的期刊 -- 《先锋》。经多人协助，青年石油工程协会与石油工程师协会取得联系，并于 2005 年成功建立了中国第一个 SPE 学生分会，即中国石油大学（北京）SPE 学生分会。自中国石油大学（北京）SPE 学生分会成立起，SPE 石大北京学生分会一直作为平台与窗口，让石大学生看到自己身上的无限潜能。每年我们培训和资助数十人参加国内外各类比赛，ATCE、IPTC、APOGCE 以及各类洲际及国外高校举办的活动，与各国的 SPE 学生分会保持密切联系。我们取得了 2019 年 Petrobowl 亚太区第四名，2017 年亚太区论文大赛本科生组二等奖和博士生组二等奖，2015 年 ATCE 亚太区 Petro-Bowl 第一名，以及 2013 年 APOGCE 论文大赛第一名。三次获得 Student Chapter 以及 Outstanding Student Chapter 的称号。



## About Us

SPE CUPB SC grew out of CUPB Youth Petroleum Engineering Association. It was founded in 1995 with a particular periodical called The Pioneer. With the assistance from



many directions, CUPB Youth Petroleum Engineering Association built a profound relationship with Society of Petroleum Engineers, and then, in year 2005, founded the first SPE Student Chapter in China – SPE China University of Petroleum Beijing Student Chapter.

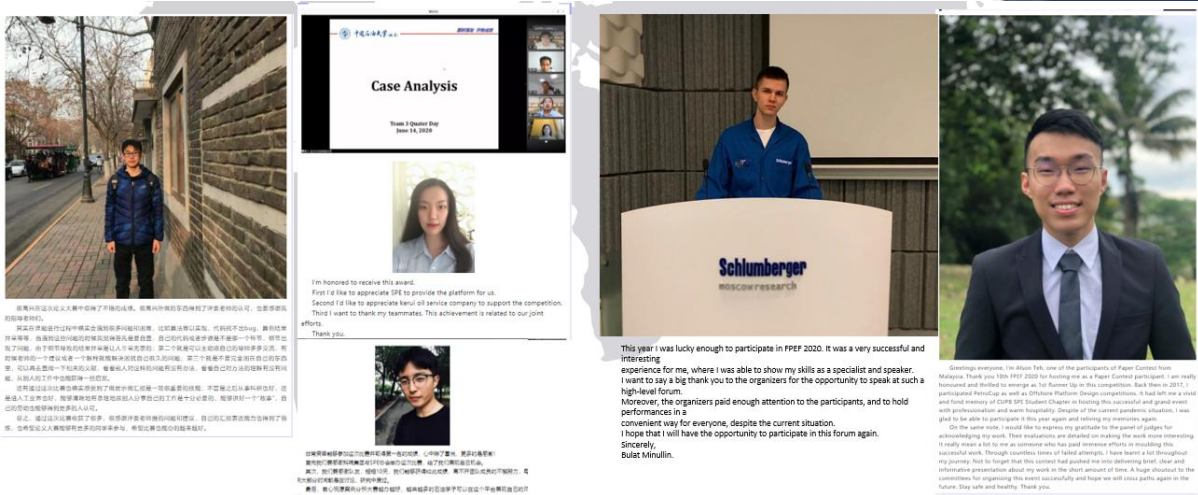
Since the foundation of SPE CUPB SC, we have always been keeping a close tie with other SPE SCs, aiming to provide a platform for students to fully explore their potentials. Members can attend many domestic and international activities in different universities as well as enterprise. SPE CUPB SC also offers training and funds for students to participate in domestic or worldwide competitions such as ATCE, IPTC, APOGCE. The awards and recognitions that SPE CUPB SC earned in recent years includes 4<sup>th</sup> place of Asia-pacific PetroBowl (2019), first place of APOGCE (2013) as well as ATCE Asia-pacific PetroBowl (2015), second prize in paper contest for undergraduate and PhD group in APOGCE (2017) and three times of the title Student Chapter and Outstanding Student Chapter.

## 关于 FPEF

全国博士生学术论坛是为对石油工程极富热情，并愿与世界各地的人才分享成果的学生所举办的学术活动。该论坛举办了一系列有关石油工程的技术会议、竞赛以及讲座。其主要思想是建立一个交流知识、思想和研究成果的平台。另外，活动也充满很多的乐趣，在这里你能体验到学术和文化交流的乐趣。每年，全国博士生学术论坛会在世界各地吸引了超过 20 所大学的近 200 名石油工程学生，约 15 家公司对此论坛进行赞助。在过去的 2020 年中，面临着新冠肺炎带来的前所未有的挑战，全世界人民的生活及工作方式都发生了翻天覆地的改变。在这样的境遇之下，第十届全国博士生论坛克服困难，成功举办了首次全部以线上形式进行的论坛活动，吸引了世界范围内多个国家的高校选手参赛，获得大家一致好评。

第十一届全国博士生学术论坛将于 2021 年 5 月 22 日至 5 月 23 日举行。在“世界处于百年未有之大变局”中，能源发展日新月异，为应对能源格局新变化，抓住能源发展新趋势，本届论坛诚邀国内外广大师生齐聚一堂，共同担起新时代青年责任，为保障国家能源安全谏言献策。因此，本次论坛将以保障国家能源安全，推动能源高质量发展为主题，以油气能源相关学科为中心开展学术竞赛活动。





## About FPEF

Future Petroleum Engineers Forum, known as National Doctoral Forum before 2012, is an academic forum that consists of several technical conferences, competitions, and seminars in relative fields. This forum is organized for those who have great passion in fields related to Petroleum Engineering to share achievements with young generations from all over the world. It commits to establish a platform for exchanges of knowledge, minds, and research results. With years of development, the forum is sponsored by about 15 companies annually and will attract nearly 200 students every year majoring in Petroleum Engineering from over 20 worldwide universities. In 2020, the way people live and work around the world has changed dramatically in the face of the unprecedented challenges brought by COVID-19. Under such circumstances, the Tenth FPEF overcame the difficulties and successfully held its first all-online forum, which attracted participants from universities and colleges from many countries around the world and earned recognitions from everyone.

The eleventh FPEF will be held from May 22<sup>nd</sup> to May 23<sup>rd</sup>. As the world is undergoing unprecedented changes in a century, energy development is changing by each day. In order to cope with the new changes in energy structure and seize the new trend of energy development, this forum sincerely invites teachers and students worldwide to gather together and shoulder the responsibility of youth in the new era, proposing suggestions for ensuring national energy security. Therefore, this forum will focus on ensuring national energy security and promoting high-quality energy development, holding academic competitions centered at oil and gas

energy related fields.

## 竞赛与活动

### 1. 企业文化展

企业文化展是全国博士生学术论坛的系列活动之一，每年都将有十多家石油公司参加此次展览，它集企业文化和企业招聘为一体，广大同学们可以了解各石油公司的历史，并与 HR 面对面交流，探讨与实习和工作有关的问题。同时我们还为大家准备了各种趣味活动，并有精美礼品相送。

### 2. SPEaking

SPE 公开课是博士论坛最具特色的活动之一。我们旨在提高学术交流，拓宽研究视野，激发创新热情，并且建立学生的科学概念。我们将邀请多名石油领域的著名专家，将其真知灼见与大家共享。

### 3. 论文大赛

论文大赛是全国博士生学术论坛的重要环节，为学生提供了一个高起点、大范围、高水平的学术平台，并促进石油工程领域的青年学者相互沟通交流。选手报名后将到场答辩参加评选，海外选手进行线上评审。

### 4. 案例分析大赛

案例分析竞赛旨在增强学生对实际案例的分析能力和就业综合竞争力，挖掘学生群体潜力，既促进学生对实际生产或经营过程的认识和了解，又能帮助解决公司的实际问题；同时加强校企之间的交流和互动，拓宽学生的视野，提供一个展示学生自我组织能力、反应能力以及对知识运用和掌握能力的平台，促进高素质石油人才培养。

## Competitions and Events

### 1. Cooperation Culture Exhibition

Cooperation Culture Exhibition seeks to advertise different enterprises' cultures and hold campus recruitments, which brings more than a dozen of oil companies to attend each year. students can learn about the history of oil industry and communicate with HRs in person. Besides, interesting activities and beautiful gifts will be prepared for attendees.

### 2. SPEaking



SPEaking is one of the most featured activities in the Future Petroleum Engineers Forum. It aims at strengthening academic communication, broadening research horizon, stimulating innovative passion and grasping professional concepts. Renowned experts in oil industry will share original opinions and deliver their speeches.

### 3. Paper Contest

The Paper Contest, as one of the highlights of FPEF, is a high-level academic event for students to learn from and communicate with young scholars in the field relative to Petroleum Engineering. After signing up, attendees bring their own paper to the contest. For international attendees, they only need to upload their paper and related materials and the online evaluation process will begin simultaneously.

### 4. Case Analysis Contest

Case analysis competition aims to enhance students' comprehensive problem solving and planning skills. When addressing the practical problem, students will understand the production and management process, and their organizing abilities as well as professional knowledge will be tested. This contest strengthens communication between schools and enterprises and help cultivating talents needed in oil industry.

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