

VIII International Student Petroleum Congress & Career Expo, 'East Meets West' (EMW) and Petrobowl



From 4th to 7th of April 2017, SPE AGH University of Science and Technology held the annual International Student Petroleum Congress & Career Expo, 'East Meets West' (EMW). This event was the 8th student congress that was held by SPE AGH University of Science and Technology, Cracow, Poland. The idea behind the 'East meets West' Congress was to gather people from different parts of the world, from different universities and companies in one common idea without any barriers. The idea considers the oilfield industry as one, big family – no matter if you are a student or scientist, no matter if you come from the west or from the east – we are all part of the oilfield industry family and this idea is still the notion of this Congress.

The student congress was held at the hall of AGH University of Science and Technology. There were a lot of participants from various universities in Europe and Asia. This year's student congress was slightly different to previous congress as there were additional programs including Petrobowl European Qualifier 2017 and SPE Student Paper Contest for European region.

Some students from Institute of Petroleum Engineering, Clausthal University of Technology: Renas Ibragim, Samuel Zulkhifly Sinaga, Syouma Hikmahtiar, Rayner Susanto, Andreas Huschke, Jens Helberg, and Eliana Pa participated in this student congress as presenters, contestants, and representatives from Clausthal University of Technology SPE student chapter. There were several programs in this student congress:

1. Debate session

Debate session is devoted to companies' lectures. The topic of the debate session was the environment in oil and gas industries.

2. Career session

In career session, there were several stands from different sectors of the industry: downstream, midstream, upstream. Students were given chances to discuss career opportunity directly with the professionals from oil and gas industry.

3. Gala dinner

The Gala Dinner was held on the first day of the student congress to welcome the participants. In this dinner, we spent our time chatting with students from other universities around the world and professionals.

4. SPE student paper contest

The SPE student paper contest (European regional) was comprised of three parts: student paper contest for undergraduate, postgraduate, and PhD. Students competed against other students from the same region for the opportunity to advance to the International Student Paper Contest, held during the Annual Technical Conference and Exhibition (ATCE). Contestants entered with an abstract of their paper, of which they performed a presentation on the day of the competition, and then the victors who proceed to the International contest at ATCE will have their papers published in the conference proceedings and on One Petro website.

5. Student poster contest

In this session, students presented their scientific works in the form of posters. Each presenter presented briefly his/her poster to the judges and afterwards the audiences will have a chance to ask questions related to the study.

6. PetroBowl® European qualifier

The PetroBowl® competition was founded in 2002, and was created, organized, and administered by the SPE Gulf Coast Section. This event takes place once a year during the SPE Annual Technical

Conference and Exhibition (ATCE). There are 10 universities participated in Petrobowl European Qualifier 2017.

Students were gathered to compete in teams and were given question to answer. The questions were based on technical and fundamental knowledge of petroleum engineering, glossary of industry terminology, and content from SPE's Petrowiki.

The best five universities will proceed to the next qualification at San Antonio, Texas, USA. There are AGH University of Science and Technology, Montanuniversitaet, Gubkin Russian State University of Oil and Gas, Heriot-Watt University, and University of Stavanger.

7. International round table meeting

This meeting was one of the key events being held in order to discuss the development of relations between universities and student sections of SPE student chapters. The chapters' presentations were devoted to the exchange of experience, as well as to the establishment of friendly relationship with the representatives of all chapters participating at the Congress. Significant issues and challenges were discussed and solutions were established to improve SPE student chapters.

8. Panel session

Panel session is devoted to companies' lectures. The topic of the panel session was women in oil and gas industries.

In SPE student paper contest for postgraduate category, following student presented his research study:

1. Syouma Hikmahtiar
 - Estimation of True Vertical Thickness using Seismic Inversion Method

In student poster contest, following students presented their research studies:

1. Samuel Zulkhifly Sinaga
 - Drilling Rate of Penetration Model – Case Study Field X
2. Rayner Susanto
 - A Study to Investigate the Performance of Various Autonomous Inflow Control Devices
3. Renas Ibragim
 - A Qualitative Approach in Realizing the Drilling While Running Casing for ERD Wells to increase Drilling Operations Efficiency



Following students participated in Petrobowl European Qualifier 2017:

1. Samuel Zulkhifly Sinaga
2. Jens Helberg
3. Andreas Huschke
4. Eliana Papazafeiriou

In international SPE student chapter round table meeting, following students represented Clausthal University of Technology SPE student chapter:

1. Renas Ibragim
2. Rayner Susanto

Overall, the student congress offered a great opportunity to meet professionals and students from all over the world. In addition to the networking opportunities, the conference also offered a great chance to learn new knowledge and technologies from technical session and plenary session. Our chapter really appreciated the opportunity to go and hopefully we will have the chance to participate in the event again in future.