

ASIA PETROLEUM GEOSCIENCE CONFERENCE & EXHIBITION (APGCE) 2019

Fresh Ideas,
New Frontiers

www.apgce.com

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APGCE GEOHack
25-27 October 2019



APGCE 2019 GEOHack INFORMATION

DATE

**25 - 27 OCTOBER
2019**

LOCATION

**ASEAN Data Analytics
Exchange (ADAX)
Bangsar South**

GEOHack FEE

**Professionals
RM200 per person**
**Students
RM50 per person**

WHAT'S IN IT FOR ME?

Open Discussion

**A fun sandbox environment to
test new ideas**

Working collaboratively with
geoscientist and data engineers

Cool prizes to be won!!

ABOUT APGCE 2019 GEOHack

If APGCE was a call on papers, the GEOHack is a call for solutions. We welcome you to join us for the first ever PETRONAS-hosted hackathon. The challenges of the subsurface is nothing new but an eye for data would help geoscientists to set aside the rock hammer and instead hammer on a keyboard to hack these problems.

10 teams of professionals and students are given the chance to attempt to improve, innovate and challenge one another with their solutions using Machine Learning (ML) and Deep Learning (DL).

The objective is to work with actual data from both wells, seismic and more from Malaysia to come up with ways for geoscientists to get better insight.

GEOHack TIMELINE

1 July	Individual/Group Registration
27 Sept	Registration Deadline
1 Oct	Data Introduction
11 Oct	Team Freeze
25 - 27 Oct	APGCE GeoHack

APGCE 2019 GEOHack Details, Rules and Format

DAY 1: FRIDAY, 25TH OCTOBER

1430	Registration + Social
1530	Introduction
1600	Team Up/Begin Hack
1700	Tea Break
1930	Dinner

DAY 2: SATURDAY, 26TH OCTOBER

0800	Breakfast
1130	Lunch
1200	Sponsor Session
1530	Tea Break
1930	Dinner
2000	Sponsor Session

DAY 3: SUNDAY, 27TH OCTOBER

0800	Breakfast
1130	Lunch
1300	Wrap Up
1500	Final Presentation
1730	Social/Sponsor Session
1800	Winner Announcement

- Your call, your game.** You can work on the challenge proposition or reframe it to solve smaller sections of the problem.
- Team size.** Teams should consist of five (5) diverse group members. Teams can be formed by joining our Slack group (APGCE.slack.com) or on the first day itself.
- Regarding code.** Your code should not exist before the hackathon and must be developed on site but feel free to plan ahead. It is recommended to publish the code and make it open source.
- Frameworks.** You can use any language, frameworks, platforms, or libraries you wish. You can build mobile or web apps if you choose.
- Schedule.** Coding begins at 4 PM on Day 1 and ends around 3 PM on Day 3 followed by team demos.
- Mentoring.** There will be mentors to help answer domain specific questions from various disciplines (i.e: geology, geophysics, petrophysics, data science and more).
- Demos.** Demo time is 5 minutes followed by 3 minutes questioning from judges (and audience if time permits).
- Judging criteria.** To compete, you must deliver a minimum viable product (MVP). You will be scored on originality, execution, impact.