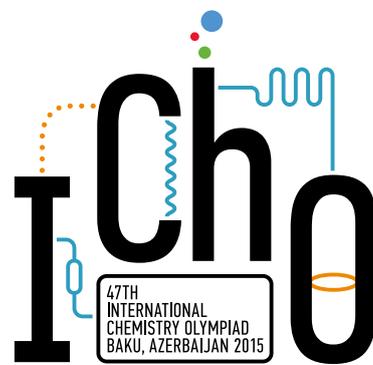


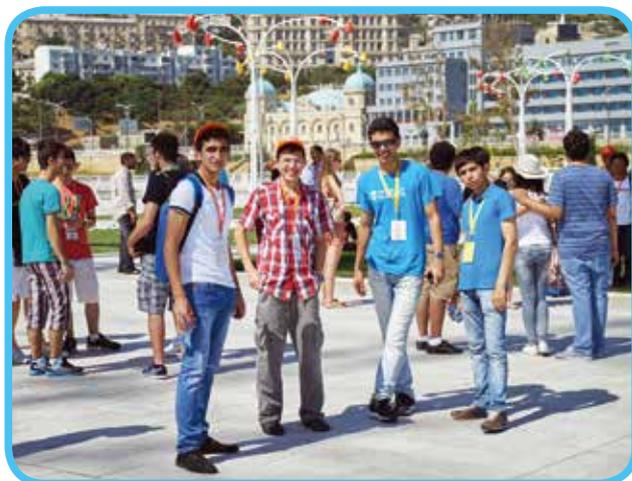
# CATALYZER

No.8, SUNDAY, 26 JULY, 2015

LIFE IS A HUGE LAB



## WALK IN SEASIDE PARK



### PROGRAM FOR 27 JULY

FROM

TO

Breakfast at "The Crescent Beach Hotel"

8:00

9:30

Visit to National Museum of Azerbaijan History

10:00

13:00

Lunch at "The Crescent Beach Hotel"

13:00

15:00

Megafun - recreation

15:00

18:30

Dinner at "The Crescent Beach Hotel"

19:00

21:00

Free Time

21:00

22:30



Weather for 26 July

25°C / 37°C

# WHAT IMPRESSED YOU MOST IN BAKU?

## **Hyerin Sharon Park and Zane Zijing Zhang** (Australia)

Baku is a very modern city and we like its progress, new architectural constructions are underway. In my opinion, it is a very glamorous city, the Flame Towers are very pretty. In my city (Perth) the buildings are like square blocks. We also liked the contrast between the Old City and the new part of Baku, which highlights the progress of Azerbaijan from more developing nation to a modern one.



## **Stefan Stanko** (Slovakia)

First, I have a request. We had a mascot – a fox. But it has been stolen. I would like to ask those who have stolen our mascot to return it. The things I liked most are the Old City, the Maiden Tower and, especially, the small shops where we could buy souvenirs. I bought some Aladdin lamps, postcards and small carpets. I liked the carpet museum. The technique used to produce these carpets is a bit similar to our techniques. In Slovakia we also have traditions of carpet manufacturing. But the patterns of our carpets are different.



## **Tor Stromsem** (Norway)

I like the buildings, they are fantastic to be honest. They are different from what I've seen in the other cities, especially the Flame Towers. I saw it at night with the flames and the flag – it was really impressive. The things that I've remembered about Azerbaijan is the Baku European Games, and the Flame Towers, of course. The Maiden Tower was pretty interesting, and the huge flag of Azerbaijan as well. I bought some souvenirs from the Old City, such as the flame of Baku, and the souvenirs of the Maiden Tower.



## **Alexander Sahn Baumgartner** (Belgium)

Baku is a very beautiful city. Here I have seen a lot of different buildings of Western and Eastern style: some modern buildings, lots of classical buildings too. The buildings that impressed me most are the Flame Towers. They are magnificent and they look like a real burning flame. And I got interested in the museum of modern art. There are a lot of interesting paintings. Previously I did not know that Azerbaijan might have so many modern artists. I also bought some feature magnets with the pictures of the city.

# WHAT IMPRESSED YOU MOST IN BAKU?



## Mathias Penot (France)

It is the first time I participate in IChO. I think it is pretty cool to be in another country. The city is great. I liked the landscape, the bay and the sea the most. The architecture is also attractive. Particularly, I liked modern skyscrapers very much.



## Vitor Gomes Pires (Brazil)

The city is very beautiful. It is a pity that we haven't had enough time to walk around it. I liked the "Ferris Wheel" and the Carpet Museum. There were a lot of historical carpets. It is my first participation in the IChO. And I want to say that the organization is also nice, but the tasks are different from those we expected. I think we did the exams well and we hope all in our team will get medals.



## Ilker Deveci (Turkey)

This is my first participation in the IChO and it's my first visit to Baku too. The city is very beautiful and modern, but the weather is a bit hot. I liked the Old City very much. The Carpet Museum was really admirable. I have never seen such kind of museum before. Other museums were a little boring.



## Dooronbek Mametov (Kyrgyzstan)

I really liked the city. Particularly Museum of Modern Art. It is the first time when I was at the museum with such extraordinary exhibits and paintings. Previously I had only seen such things in movies. I was also impressed by a lot of interesting things related to Azerbaijan in the tasks of the Theoretical exam: oil, air conditioning, etc. While reading the tasks I became enthusiastic about them.



# NOVRUZ HOLIDAY

People in Azerbaijan celebrate their traditional national holiday Novruz with the coming of Spring which is marked as a New Year in the East.

Usually preparation for Novruz begins a month prior to the festival. Each Tuesday is named as the day of one of the four elements of life - water, fire, earth and wind. During these four weeks before the holiday

children and young people make small bonfires and jump over them. Moreover, every home should prepare different national dishes and national pastries such as shekerbura, pakhlava and shorgoghal.

In Azerbaijan, the official celebration of Novruz comes on 21 March, the day of the astronomical equinox and lasts for about a week.



# MESMERIZING FOLK MUSIC - MUGHAM



Folk music is a treasure of the Azerbaijani art and mugham is its diamond. At the beginning of the last century mugham music became popular around the globe. Vocal-instrumental compositions are performed by a group, consisting of a singer, playing the gaval (percussion musical instrument) and musicians, playing the tar and kamancha (different stringed musical instruments). The art of mugham originated in Azerbaijan in historical pre-Islamic period. A turning point for the traditional folk art was in the 20th century, when noble Azerbaijani composer Uzeyir Hajibeyli created mugham opera "Leyli and Majnun", based on a synthesis of mugham and European classical music.

UNESCO included "Azerbaijani Music" record consisting of 50 albums in the collection of "Anthology of the World's Traditional Music".

## THE VICTORY OF AZERBAIJANI CHEMISTS

Beginning from the summer of 1941 within 28 days a group of Azerbaijani chemists under the leadership of Academician Yusif Mammadaliyev produced hydrogenous compounds and high-octane petrol which was a great event in petrochemistry. Besides, during the Second World War Azerbaijani scientists succeeded in obtaining toluene under metal chloride catalyzers, low-octane petrol for military operations.

Azerbaijani oil men strove mightily to produce over 23.5 million tons of oil which made up 71.4% of oil manufactured in the former USSR. In general, Azerbaijan yielded 75 million tons of oil, 22 million tons of petrol and other oil products in the war years.

Under the guidance of Academician Izzat Orujova the chemists of Azerbaijan employed the technology for producing lubricating oil for airplanes, tanks and some military equipment.



## Even Proverbs Need Chemistry

Which chemical element or substance is present in the proverbs.

1. The scalded cat (dog) fears cold ... .
2. Every dark cloud has a ... lining.
3. Salt ... and absence wash away love.

### At the chemistry lesson

A chemistry professor chalked a formula  $\text{HNO}_3$  on the board. Then he wheeled about and pointed a finger at the sleepest member of the class. "Identify that formula," he demanded. "Er, ah," stilled the unhappy student, "I've got it right on the tip of my tongue, sir."  
**"In that case," said the professor softly, "you'd better spit it out, my boy. It's nitric acid."**

### LEARN THE AZERBAIJANI WORDS

|        |           |              |       |          |                |
|--------|-----------|--------------|-------|----------|----------------|
| Alma   | [al'ma]   | — Apple      | Yemiş | [je'miʃ] | — Melon        |
| Armud  | [ar'mut]  | — Pear       | Gilas | [gi'las] | — Sweet cherry |
| Qarpız | [gar'piz] | — Watermelon | Ərik  | [æ'rik]  | — Apricot      |

### CATALYZER TEAM

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