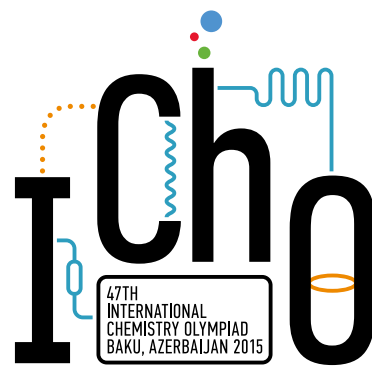


# CATALYZER

No.4, WEDNESDAY, 22 JULY, 2015

LIFE IS A HUGE LAB



## SAFETY RULES AND REGULATIONS AT ICHO

- During the experimental part, the competitors must wear laboratory coats and eye protection. The competitors are expected to bring their own laboratory coats. Other means of protection for laboratory work are provided by the organizer.
- When handling liquids, each student must be provided with a pipette ball or filler. Pipetting by mouth is strictly forbidden.
- The use of acutely toxic substances (GHS hazard statement H300, H310, H330) is strictly forbidden. The use of toxic substances is not recommended, but may be allowed if special precautions are taken. Substances with GHS hazard statements H340, H350, H360 (proven mutagens, carcinogens, and teratogens) must not be used under any circumstances



### PROGRAM FOR 23 JULY

FROM

TO

Breakfast at "The Crescent Beach Hotel"

7:00

8:00

Transfer to Baku Branch of MSU

8:00

9:00

Experimental exam at Baku Branch of MSU

9:00

14:15

Transfer to "The Crescent Beach Hotel"

14:30

15:00

Lunch at "The Crescent Beach Hotel"

15:00

17:00

Tour around the Olympic sports facilities

17:00

20:00

Dinner at "The Crescent Beach Hotel"

20:00

21:00

Entertainment

22:00

23:55



Weather for 22 July

23°C / 30°C



## IRRESISTIBLE ATTRACTION

Delicious cuisine is a trademark of Azerbaijan. Tourists cannot stop eating here and the reason is that Azerbaijanis use fresh and healthy products for cooking their outstanding, lip-smacking dishes, such as dolma, bozbash, bozartma, chykhyrtma, piti, pilaf, and govurma, kebab are eaten with tendir bread, cooked in oven. Azerbaijani fruit and vegetables are known as the tastiest.

The Azerbaijani cuisine is not only tasty, but also good for health. This is evidenced by a lot of long-livers in the country. The traditional feast starts with sweet-scented local black tea. Tea, a symbol of hospitality in our country, is poured in a pear-shaped glass called armudy, which keeps tea hot very long for heart-to-heart talks.

## FIRE MOUNTAINS IN AZERBAIJAN

Fire Mountain ("Yanar Dagh") is an ancient and visually stunning fire which blazes continuously on a hillside on the Absheron Peninsula on the Caspian Sea. Flames shoot into the air 10 feet along and 30 feet wide ridge on a limestone hillside known in Azerbaijan as "Yanar Dagh" near Baku, the capital of oil-rich Azerbaijan. Due to the large concentration of natural gas under the Absheron Peninsula, natural flames burned there throughout antiquity. People say that the fire coming out of the mountain rose from a young man who was deeply in love. The natural fire burns most impressively at dusk, when both tourists and locals sit at a nearby teashop deriving inspiration from the spectacular sight.



## AZERBAIJAN'S MUD VOLCANOES



Azerbaijan takes the first place in the world for the number of mud volcanoes. There are 800 mud volcanoes on the Earth and about 300 mud volcanoes are to be found in Azerbaijan.

Ejected materials are often composed of a slurry of fine solids suspended in liquids, which may include water (frequently acidic or salty) and hydrocarbon fluids. About 86% of the gases that are released are methane. Carbon dioxide and nitrogen are also emitted but in much less quantities. This mud has been found to contain quantities of curative properties (iodine, bromine, calcium, magnesium, organic acids and aromatic hydrocarbons – just to name a few).

Active volcanoes are located in the south of Baku along the Baku-Alat road, about 10 km south of Gobustan, Boyuk Kinezadagh, Turaghay.



# OLD CITY TOUR

## Barbara Rubinic (Croatia)

The city is beautiful, I like its historical monuments, like the Old City, but it is also fascinating, how modern it is. Yesterday we were at the city tour. I want to say that the city is very very windy and I also think it is gorgeous, it is amazing. Today I have seen the Maiden Tower. It is nice, but I like minarets in Shirvanshahs' Palace and the buildings that are made of stone. They are so beautiful.



## Wei-Chieh Huang (Taiwan)

I liked the city. It is a blend of Islamic and European culture. We actually see many different cultures together. This is the first time I can see this kind of thing in person. And also all the collections of cultural heritage of Azerbaijan. It is really unforgettable experience.

The Maiden Tower impressed me the most. Because it dated back to ancient times. It has a very long history. I think that tower is one of the spots I will always remember.



## Jan Sugar (Czech Republic)

Baku is a very nice city. I think there are a lot of interesting buildings. The Old City was the most memorable thing with its building and the style as well as rooms in the Shirvanshah's Palace and traditional carpets. It is really different from the things in my country.



## Arwa Nasser Al Rawahi, Naeema Hamood Al Badawi (Oman)

Baku is very beautiful. The design of the buildings is different from Oman. The most thing I liked in the Azerbaijani history is its connection with Islam. The weather is very nice here whether in Oman it is very hot. But there are cities like Baku in the south of Oman. We are enjoying our stay in Baku.



# OIL BOOM



The oil naturally promoted commercial development and ties with neighbors to the East, West, North and South. Caravans of camels loaded with vessels of oil exported Baku oil to other countries. To this day, the remains of two Caravan-sarays still exist, the Bukharian and Indian, providing evidence of the wide commerce with countries of Middle Asia and India.

People looked for new ways to extract the oil. It was in Azerbaijan that the first oil extraction took place. In Balakhany, one of the districts of Baku, there is a 35 meter deep well with stone at the bottom upon which is carved that it was dug out in 1594.

If it squirms, it's biology; if it stinks, it's chemistry; if it doesn't work, it's physics and if you can't understand it, it's mathematics.

Magnus Pyke



**Baku 2015**  
1st EUROPEAN GAMES

# THE FIRST EUROPEAN GAMES IN AZERBAIJAN

The First European Games, a multi-sport event was held amongst over 6,000 athletes from all over Europe. Baku, the capital city of Azerbaijan hosted the inaugural European Games from 12 to 28 June, 2015.

A total of 20 sports were represented including 16 Olympic sports and four non-Olympic sports. 12 sports including Archery, Athletics, Volleyball, Boxing, Cycling, Judo, Shooting, Swimming, Table Tennis, Taekwondo, Triathlon and Wrestling offered

qualification opportunities for the Rio 2016 Summer Olympics.

Azerbaijan ranked second for the number of medals won at Baku 2015. Azerbaijan won a total of 56 medals – 21 gold, 15 silver and 20 bronze medals – at the Games. Russia took the lead for the number of medals. Russian athletes grabbed 79 gold, 40 silver and 45 bronze medals at the First European Games. The UK ranked third by winning 18 gold, 10 silver and 19 bronze medals.



**Lee So Young**  
(Korea)

23 July, 1997

## Water

**Teacher:** What is the formula for water?

**Student:** H, I, J, K, L, M, N, O

**Teacher:** That's not what I taught you.

**Student:** But you said the formula for water was...H to O.

## LEARN THE AZERBAIJANI PHRASES

Dostum	[dos'tum]	— My friend
Sənin adın nədir?	[sə'nin a'din nə'dir]	— What is your name?
Mənim adım Əhməddir	[mə'nim a'dim əh'məddir]	— My name is Ahmad

## CATALYZER TEAM

Elmar Abdulrahimov  
Elena Eremina  
Anvar Mammadov  
Elena Kosolapova  
Nigar Orujova



### Address:

1 University St., Hojasan,  
Binagadi District, Baku, AZ 1144,  
The Republic of Azerbaijan.  
Tel/Fax: (+994 12) 598 93 24  
(+994 12) 598 93 30  
E-mail: icho2015@msu.az  
**WWW.ICHO2015.MSU.AZ**