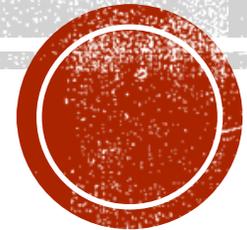


# KONYA SCIENCE CENTRE'S

# SCIENCE HISTORY SUMMERSCHOOL

NAMES CONFERENCE 2018 – Alexandria, Egypt



# OUR PRIME ACTIVITIES

- **Festivals**
  - Science Fest
  - AstroFest
- **Some educational activities**
  - Winter and summer schools
  - Weekly science courses
  - Camps
  - Professional development



# SUMMER SCHOOLS in KSC

- Interactive methods
- Separated class for target groups features
- Fostering audience to basic science
- Widening science in popular place
- Qualified staff for science communication



# SUMMERSCHOOLS

## OUR GOAL

- To inquire about the science pathway
- To give scientific vision to audience
- To experience oldest scientists' viewpoint



# SUMMERSCHOOL in SCIENCE HISTORY THEME

## OUR PROGRAMME

- Four-week
- Lectures in morning, workshops in afternoon
- Each workshops related to the theme
- The basic science content



# OUR SAMPLE WORKSHOPS - ASTRONOMY

## AL-BIRUNI'S MECHANICAL CALENDAR

- To experience astronomy in ancient way
- To make 3d printed workshop materials



## FRAUNHOFER'S SPECTROSCOPE

- To learn how physics contribute to astronomy
- To show how simple instruments help science improve



# MATHEMATICS

## NAPIER'S BONES

- To teach why calculator is needed
- To show how to compute large numbers



## PASCALINE

- To learn how a calculator works
- To make a simple calculator with students



# CHEMISTRY

## RAZI's INK RECIPE

- To teach ancient chemistry methods
- To experience to find an alternative way in scientific methods



## OIL based PERFUME

- To learn why some technic change



# ENGINEERING

## The TESLA's COIL

- To teach how a coil works
- To show how the touchless electric circuit works



## DA VINCI's BRIDGE

- To learn any practical way to improve engineering technic
- To show how simple instruments open new frontiers in science



# SCI-INSTRUMENTS

## ASTROLABE and SUNDIAL

- To learn how math can contribute to astronomy
- To learn pre-modern astronomy information help to design timekeeping



## GALILEO's TELESCOPE

- To learn how universe become wider in our brain
- To show how simple instruments open new frontiers in science



# FINAL

At the end of the programme, the students wrote an essay regarding what they learnt.



For your questions and further informations, please contact us  
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THANK YOU...

