



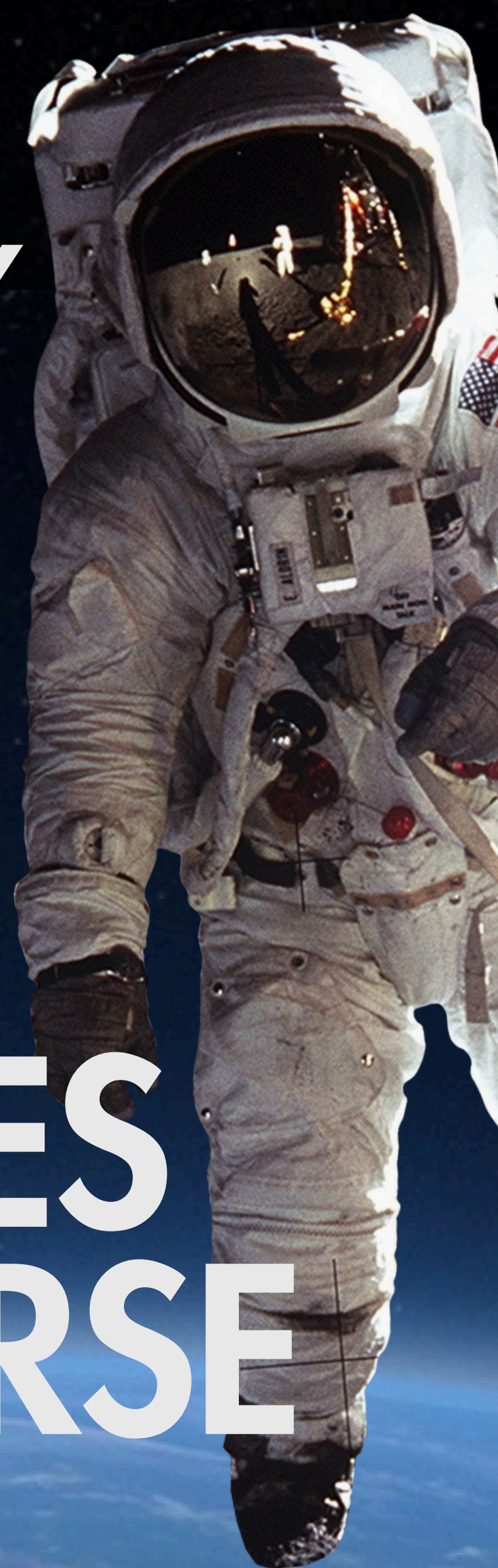
ASTROEMI CLUB  
MOHAMMADIA SCHOOL OF ENGINEERS



# 1ST EDITION OF THE ASTRONOMICAL DAY



# THE MYSTERIES OF THE UNIVERSE



APRIL 23TH 2025



MOHAMMADIA SCHOOL OF ENGINEERS





# EVENT SCHEDULE

**12:00 PM :**

- EVENT OPENING & ARRIVAL OF VISITORS

**12:00 PM TO 6:30 PM :**

- EXHIBITION STANDS BY PARTNER CLUBS
- EXPLORE VARIOUS ASPECTS OF ASTRONOMY AT THE DIFFERENT STANDS.

**1:00 PM TO 6:30 PM :**

- EXHIBITION STANDS BY PARTNER CLUBS
- EXPLORE VARIOUS ASPECTS OF ASTRONOMY AT THE DIFFERENT STANDS.

**1:00 PM TO 4:20 PM :**

- CONFERENCE SESSIONS
- DISCOVER THE LATEST SCIENTIFIC FINDINGS ON THE UNIVERSE.

**6:30 PM TO 8:00 PM :**

- SCIENTIFIC MOVIE SCREENING

**8:00 PM TO 10:00 PM :**

- STARGAZING SESSION WITH AMATEUR ASTRONOMERS
- OBSERVE THE NIGHT SKY WITH TELESCOPES IN FRONT OF THE SCHOOL'S MAIN ENTRANCE.
- LIVE SCREENING FROM OKAIMDEN OBSERVATORY

**10:00 PM :**

- EVENT CLOSURE & DEPARTURE

# CONFERENCE SCHEDULE

1:00 PM TO 1:05 PM:

- WORD OF THE CLUB PRESIDENT

1:05 PM TO 1:10 PM :

- WORD OF THE CLUB VICE PRESIDENT

## PART I : VIRTUAL CONFERENCE

1:10 PM TO 1:40 PM :

- RUSTY FENDER
- HOW SPACE COMMUNICATION BRINGS THE COSMOS CLOSER

1:40 PM TO 2:10 PM :

- GEORGE SALZAR
- THE ROLE OF ASTRONOMY IN HUMAN SPACE EXPLORATION

2:10 PM TO 2:40 PM :

- BEGUM KÜTÜKLÜ
- THE MIND AND THE COSMOS: UNDERSTANDING  
ASTRONAUTS' MENTAL HEALTH IN SPACE EXPLORATION

## PART II : IN-PERSON CONFERENCE

2:40 PM TO 3:10 PM :

- ZOUHAIR BENKHALDOUN
- CELESTIAL GUARDIANS: ASTRONOMY AT OUKAÏMEDEN  
OBSERVATORY FOR EARTH'S FUTURE

3:10 PM TO 3:40 PM :

- ILYAS EL WAFI
- THE SEARCH FOR EARTH 2.0: COLONIZATION OF THE MOON  
AND MARS

3:40 PM TO 4:10 PM :

- MOSTAFA BOUSDER
- QUANTUM AI : COMPUTING FROM BLACK HOLES TO THE  
WORMHOLES

4:10 PM TO 4:40 PM :

- MOHAMED AMRAR
- KEPLER AND TESS SPACE MISSIONS : EXPLORING STARS  
THROUGH ASTEROSEISMOLOGY

# MEET OUR SPEAKERS

BEGUM KÜTÜKLÜ :



- NASA CITIZEN SCIENTIST
- SPACE RESEARCHER, RESEARCHING ASTRONAUTS' MENTAL HEALTH
- FOUNDER OF ASTRADINE AND SHAREDREAM



ZOUHAIR BENKHALDOUN :



- DIRECTOR OF THE OUKAIMEDEN OBSERVATORY
- PROFESSOR AND RESEARCHER AT CADI AYYAD UNIVERSITY
- FORMER PRESIDENT OF THE MARRAKECH AMATEUR ASTRONOMY ASSOCIATION



MOSTAFA BOUSDER :



- RESEARCHER IN HIGH-ENERGY PHYSICS, ASTROPHYSICS, AND QUANTUM GRAVITY
- DIRECTOR OF FSR DOME PLANETARIUM
- BOARD MEMBER AT MOFARAKA MAGAZINE



RUSTY FENDER :



- SPACECRAFT ENGINEER AT NASA
- SATELLITE ENGINEER AT FOX TELEVISION STATIONS



ILYAS EL WAFI :



- RESEARCH ENGINEER AT THE UNIVERSITY RESEARCH CENTER FOR SPACE TECHNOLOGIES
- ASSISTANT PROFESSOR AT MOHAMMED V UNIVERSITY



MOHAMED AMRAR :



- PHD STUDENT IN ASTROPHYSICS AT CADI AYYAD UNIVERSITY
- RESEARCHER AT THE OUKAIMEDEN OBSERVATORY
- MEMBER OF THE EUROPEAN GROUP OF STELLAR OBSERVATIONS (GEOS)



GEORGE SALAZAR :



- TECHNICAL LEAD ENGINEER FOR HUMAN-MACHINE INTERFACE DISCIPLINE AT NASA





# MEET OUR SKY GUIDES

**AZIZ ETTAHAR :**



- CO-FOUNDED THE MOROCCAN ASTROPHOTOGRAPHER'S OBSERVATORY (MAO)
- INVOLVED IN THE CREATION AND AUTOMATION OF THE AAO (AL AKHAWAYN ASTRONOMICAL OBSERVATORY)

# MEET OUR PARTICIPATING CLUBS

**ASTROEMI**



- MOHAMMADIA SCHOOL OF ENGINEERS

**ASTRONOMINES**



- NATIONAL SCHOOL OF MINES OF RABAT

**ASTRO CHKILI**



- CHKILI SCHOOL