

11 أكتوبر 2021



الجمهورية التونسية
وزارة التعليم العالي
والبحث العلمي

إعداد / 7/2/1102

15863



الى السيد رئيس جامعة صفاقس

الموضوع: حول المشاركة في القمة العالمية لعلوم الفضاء.
المرفقات: ورقة مفاهيمية للقمة المذكورة.

أتشرف بإعلامكم أن منظمة العالم الإسلامي للتربية والعلوم والثقافة "الاييسيسكو" ستنظم القمة العالمية لعلوم الفضاء تحت شعار "لنستكشف معا مستقبل علوم الفضاء" وذلك خلال الفترة من 1 إلى 3 نوفمبر 2021 بمقر المنظمة بالرباط بالمغرب.

وتهدف الاييسيسكو من خلال تنظيم هذه القمة الدولية الى التعرف على جهود دول العالم الإسلامي في مجال البيئة الفضائية ساعية الى الاستفادة من مزايا التكنولوجيات الفضائية الحديثة وتطوير برامجها في هذا المجال وادماج تكنولوجيا الفضاء في التعليم والعلوم والابتكاري.

وفي هذا الإطار، وجهت المنظمة الدعوة الى الباحثين والخبراء في هذا المجال للمشاركة الحضورية أو عن بعد بورقة علمية في هذه القمة. مع العلم وأن المنظمة ستعد قائمة في الخبراء والعلماء من الدول الأعضاء في جميع مجالات العلوم والتكنولوجيا من أجل الاستعانة بها مستقبلا في ورشات العمل والمؤتمرات والاجتماعات التشاورية.

فأرجاء التفضل بتعميم هذا الإعلان على المؤسسات الجامعية المعنية وموافاتنا بقائمة اسمية في لباحثين والخبراء الراغبين في الترشح للمشاركة في هذه القمة وذلك في أقرب الآجال، والسلام.

المدير العام للتعاون الدولي

مالك كشلاف



التوزيع الشامل
مدير الشؤون الأكاديمية
والشراكة العلمية
نجيب بوشليحة



منظمة العالم الإسلامي للتربية والعلوم والثقافة
ISLAMIC WORLD EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
ORGANISATION DU MONDE ISLAMIQUE POUR L'ÉDUCATION, LES SCIENCES ET LA CULTURE

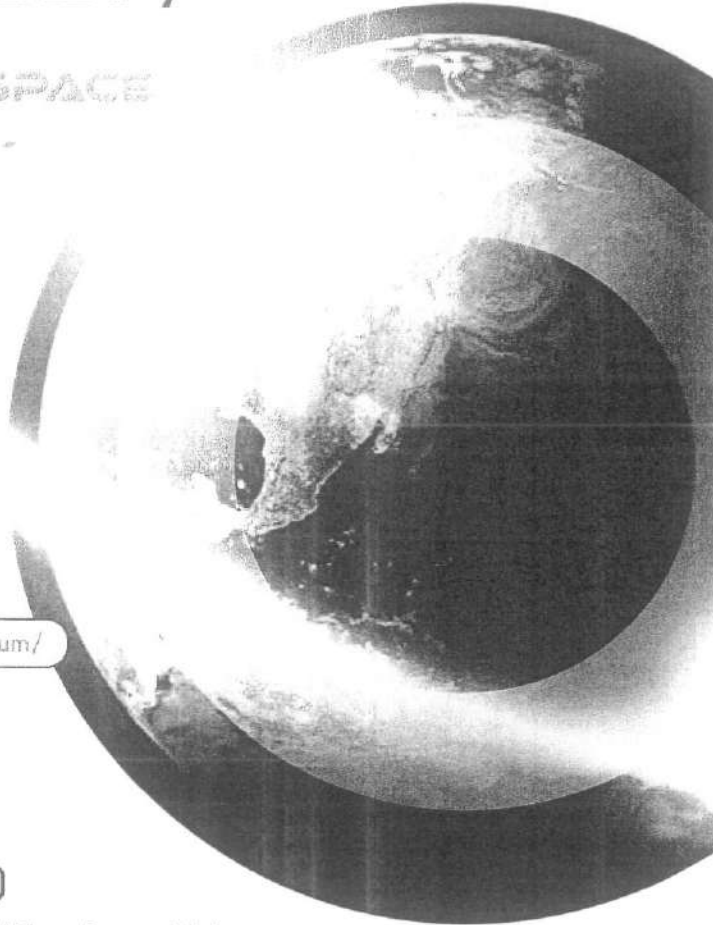


SPACE FOUNDATION

ICESCO'S GLOBAL SPACE SCIENCE FORUM (GSSF)

EXPLORING THE SPACE
SCIENCE FUTURE -
TOGETHER

Concept Note



<https://www.icesco.org/en/space-symposium/>

**November
1-3, 2021**

09:00 am to 03:00 pm (GMT+1)

ICESCO Headquarters, Rabat - Kingdom of Morocco

 Facebook  YouTube

 **Join Online**
https://us02web.zoom.us/webinar/register/WN_Y96R4IKFTzu4LcCj6SG9NA



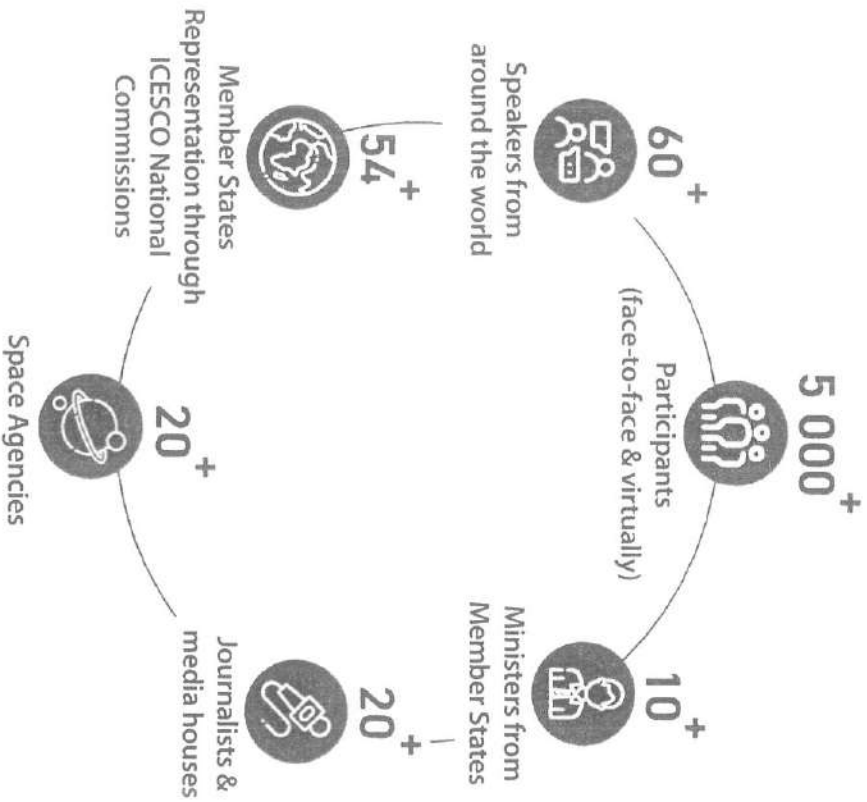
Dr. Salim M. AlMalik
Director General

Islamic World Educational, Scientific and Cultural Organ
(ICESCO)

Space science, technology and innovation o
an incomparable, fact-based perspective that
help the human beings on earth to overcome
greatest challenges through Information der
from and developed through space technolo

ICESCO appreciates the importance of space science
technology applications for sustainable developm
in Islamic World and anticipates to create aware
about space science and technology among m
stakeholders in academia, industry, governm
organizations, as well as amongst individui
scholars, professionals, leaders, and entreprene

JOIN THE BRILLIANT MINDS IN SPACE ECOSYSTEM



- The Largest (face-to-face & Virtual) FORUM on Space Sciences in Islamic World
- Supported by ICESCO Member States Community
- Planetary Speakers and Advanced level Content

BACKGROUND

The successful "First International Symposium on Space Science: Importance, Challenges and Emerging Opportunities in Space Industry and The Islamic World" was held on June 10, 2021, at Islamic World Educational, Scientific and Cultural Organization (ICESCO) Headquarters in Rabat, Morocco, in partnership with United States Space Foundation. Key conclusions of the event involved the developing job opportunities for young graduates and the entrepreneurial spirit in space science and technology.

The space ecosystem is multifaceted and offers a wide variety of applications contributing directly or indirectly to achieving the Sustainable Development Goals (SDGs), especially to:

- Ensure food security, boost agriculture, and reduce poverty;
- Limit disaster risks and prevent humanitarian crises;
- Manage natural resources and the environment;
- Improve knowledge of the environment and degradation processes;
- Monitor climate and weather;
- Develop health information infrastructure and improve access to health care and education; and
- Promote land development.

Based on recommendations from the symposium and request from member states, ICESCO is launching the "Global Space Science and Technology Forum" with the theme "Exploring the Future - Together" on November 10, 2021, at ICESCO HQ in Rabat, Morocco. The forum will explore further opportunities in the space ecosystem in partnership with the efforts of ICESCO's Space Foundation to advance space programs and technologies to advance space programs of space technology in developing countries and innovation in development. The forum will also well as brainstorming the benefits of current space science and technology. The huge interest of member states in space science activities, and recent applications of space in every field makes it a priority for the stakeholders, government, space agencies, experts, investors, and private companies.

- Invest more in formal and non-formal education and training systems in developing countries to ensure succession and meet the many challenges they face;
- Support and encourage concerted initiatives among all stakeholders (governments, industry, researchers, academics, civil society, etc.), especially in resource extraction, space traffic management, and governance of mega-constellations of small satellites to ensure the peaceful use of outer space;
- Provide better awareness about the importance of space technology;
- Highlight the challenges and opportunities available in the space ecosystem;
- Engage space exploration and related industries in advancing the global space ecosystem; and
- Develop technical capabilities in all areas related to space science, technology, and innovation.

In developing countries, however, and particularly in the Muslim World, there is a large gap in awareness about the importance of space science in many fields, such as communications, disaster management, environmental monitoring and protection,

It is imperative that the developing world bridge these gaps and increase space exploration, as well as apply space technologies to economic growth across industries. The Islamic World Educational, Scientific, and Cultural Organization (ICESCO), in partnership with United States Space Foundation, intends to provide a platform for decision makers, Ministers, Heads of ICESCO National Commissions, Heads of Space Agencies around the globe, ambassadors, investors and professionals to convene, exchange knowledge, and explore opportunities, as well as to build coalitions to pursue those opportunities. Speakers will include space leaders, experts, astronauts, and representatives from the Science & Technology Ministries of Morocco, Pakistan, Azerbaijan, and Saudi Arabia alongside industry leaders from ICESCO member and non-member states.

ORGANIZERS

ICESCO is organizing this Forum in collaboration with United States Space Foundation.

OBJECTIVES

The main objectives of the three-days "Global Space Science Forum" under the

- Bridge the gap in awareness among stakeholders in industry and government;
- Highlight the important opportunities and benefits of knowledge gained from space-related activity;
- Providing capacity development opportunities available in member states
- Share knowledge of the specific challenges that can be overcome to increase national productivity and accelerate economic growth;
- Explore career opportunities in the space industry for young graduates;
- Inspire and motivate university researchers and scholars by sharing experiences and success stories of space science leaders;
- Host panels in which ministers and heads of space agencies from around the world share the experiences and opportunities available;
- Develop institutional networking at the government level; and
- Produce and disseminate knowledge, including about the latest international developments in space activity and knowledge

SPECIFIC OBJECTIVES

- Specific objectives of the Forum will be:
- Identify structures and support member state space-related curricula
 - Involve governments, industry, and investors funds for space science
 - Develop and nurture relationships between industry, governments developing countries;
 - Develop a space-science mindset in member states
 - Provide a forum for networking and interactive session in the field.

PARTICIPANTS

- Participants of the "Global Space Science Forum" will be:
- Both male and female from across industry, academia, government;
 - Researchers, and scholars from the 350 member universities of member states;
 - National officials and ICESCO Commissions across member states;
 - International institutes

DATE, DURATION AND LOCATION

The Forum will be held November 1-3, 2021, from 09:00 am to XX:XX pm (GMT) both virtually on Zoom and in person at ICESCO Headquarters in Rabat, Morocco.

EXPECTED RESULTS

1. Key challenges, constraints and opportunities in space ecosystem across ICESCO member states are discussed and identified;
2. The role of governments and its decisions in identification of development of space applications, curricula in universities is scrutinized, best practices of developing countries are shared with participants;
3. The experience of organizing International Dialogues, their recommendations are understood and exchanged between member states;
4. The space applications in agro-businesses for small farmers, communications, disaster management, incorporating science technology and innovation activities, are discussed among participants, as well as the experiences are presented at the Forum;
5. The presented practices are collected and analyzed; the policy recommendations based on these practices are developed and provided to ICESCO Member countries and international partners.

LANGUAGE

The program will be held in the three official languages of ICESCO, English, Arabic, French with translation in between them.

PARTNERSHIP

TBA

REGISTRATION

Interested participants can register through the link below:
(link will be created later)

CONTACT PERSON

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INTERNATIONAL ADVISORY COM



Dr. Mark Sirangelo
Corporate Vice President/Chairman,
Sierra Nevada Corporation's
Space Systems
Former Chairman
& CEO of SpaceDev,
Chairman Emeritus of the
Commercial Spaceflight Federation



Prof. Ata-Ur-Rahman
PhD, Sc.D, HI, SI, TI, NI, FRs, FPAS,
Chairman, Prime Minister Task
Force on Science & Technology
Pakistan



Maj Gen Amer Nadeem, HI (M),
President Inter Islamic Network on Space
Sciences & Technology (ISNET)
Chairman SUPARCO Pakistan
(TBC)



SENIOR ADVISO
Prof. Farouk El-Ba
Director, Centre for I
Sensing, Boston Uni
Secretary Apollo 11
mission, Asteroid 73
NASA Astronaut Tra



Lt Gen Harry
Chief Executive

Mr
Fol
Risi
Wa

SPEAKERS



T.E. Zelibor, Rear Admiral,
USN (Ret.)
Chief Executive Officer
Space Foundation USA



H.E. Prof. Dr. Amina
Gurib-Fakim
GCSK, CSK, PhD, DSc
President Republic of Mauritius
(2015-2018)



H.E. Prof. Driss Ouauicha
Minister Delegate in charge of
Higher Education and Scientific
Research,
Kingdom of Morocco



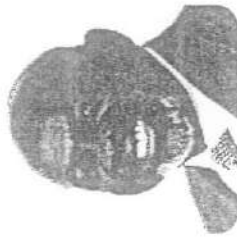
Mr Samaddin Asadov
Chairman of the Board
of Azerbaijan Space Agency
(Azercosmos)
TBC



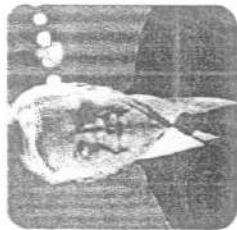
Mr Kadirov Shukhrat
Munavvarovich
Acting Director General of the
Space Research and Technology
Agency Uzbekistan (TBC)



Mr Rashad NABIYEV
Minister of Transport,
Communications and High
Technologies, Republic
of Azerbaijan (TBC)



H.E Cheick Modibo Diarra
Prime Minister of Republic of Mali
(2012)
Chairman Microsoft Africa
(2006-2011)



Lt Gen Harry Raduege (Retd.)
CEO National Cybersecurity Center,
Colorado Springs, Colorado, United
States



Ms Shelli Brunswick
(Co-Organizer),
Chief Operating Officer
Space Foundation



Mr Dunay Badirkhanov
Vice-chairman of Azercosmos,
Azerbaijan



Dr, Mr
Scienc
Counc
Co-Fo
Sustai
Truste
of Art

Profe
Rector
Azerb.



Ms Rania Toukebri
Space Engineer, Space Strategy
Consultant, Tunisia



Professor Dr. Jack Gregg
Author, *The Cosmos Economy:
The industrialization of space*
(2021)



Mr Robert C. Jacobson
Multi-faceted entrepreneur,
Space industry advocate, investor,
Author of the *"Space is open for
business"*, USA



Mr Zaheer Ali
Senior Manager - NASA Academic
Mission Services - USRA,
CEO Material Mind

**NB: MORE
SPEAKERS TO BE
ANNOUNCED...**

ORGANIZING TEAM & MODERATORS



Prof. Raheel Qamar (TI)
Head, Science & Technology Sector
ICESCO



Ms Shelli Brunswick
(Co-Organizer)
COO United States Space
Foundation



Dr. Muhammad Sharif
(Organizer)
Adviser, Science & Technology
ICESCO

