



The International Movement for Leisure
Activities in Science and Technology

ACTIVITIES REPORT

2022 - 2023

AFRICA

AMLAT

ASIA

EUROPE

NORAM

VOSTOK

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■ About MILSET

VISION

Inspiring youth through science and technology initiatives.

MISSION & OBJECTIVES

MILSET supports its member organisations to engage youth in STEAM through motivation, cooperation, and networking. We do this by:

- Helping member organisations create an environment in their country that motivates youth to be involved in STEAM.
- Connecting, supporting, and

representing member organisations around the world.

- Stimulating and supporting international youth networking and cooperation through STEAM. and
- Providing member organisations with global opportunities to engage youth in STEAM

VALUE

MILSET programmes and events also reflect the organisation's non-negotiable values.

Participation: MILSET programmes and activities are open to all.

Ideology: MILSET programmes and activities focus on science, technology, engineering, arts and mathematics (STEAM) and are free of political, religious and other ideological agendas or propaganda.

Integrity: MILSET is honest, consistent, and clear in its conduct and relations with members, youth, and others.

Competition: MILSET believes that competition motivates youth to participate in science, technology, engineering, arts and mathematics (STEAM); however: MILSET

ESI and Regional Expo-Sciences are non-competitive events with a programme that focuses on cooperation, collaboration, networking, and sociocultural interchange. No form of project competition or awards is permitted; youth may be recognised equally for their participation. Other MILSET programmes and activities may include competition, but only if the judging and award winner selection processes are clear, rigorous and equitable. And are conducted by people with recognised expertise in the applicable field(s). The competition that is perceived by participants to have been misrepresented, unfair, inconsistent, or lacking in credibility discourages youth and reflects poorly on the organisation.

WHAT IS MILSET?

The Mouvement International pour le Loisir Scientifique et Technique (MILSET) or the International Movement for Leisure Activities in Science and Technology, in English, is a non-governmental, non-profit and politically independent youth organisation.



MILSET was created in 1987 during the 1st Expo-Sciences International held in Québec City, Canada. Various Regional Offices were progressively established:



Dear Esteemed Friends,

Welcome to ESI 2023! It brings me immense joy to reconnect with you all during the eighteenth edition of this remarkable programme.

As members of the vast MILSET family, we have successfully nurtured this organisation for over 35 years, leaving an indelible mark on the world's youth.

It is with immense satisfaction and pride that we meet bright young minds and visionary leaders from across the globe who have participated in MILSET programmes.

Hearing how these initiatives have profoundly impacted their lives and witnessing their growth and achievements today is truly heartwarming.

The world has undergone a transformative shift, both in economic and social terms, a shift that we cannot ignore. This new landscape challenges institutions like ours, dedicated to providing spaces and programmes for STEAM development, to reevaluate our strategies and how we serve society.

This evolution compels us to break free from conventional thinking and encourages us to unite as a stronger community.

Together, we must chart a course for guiding today's youth, ensuring they continue to nurture their passion for science and ultimately contribute to improving the living conditions on our planet.

This is the moment when I extend my invitation to all the leaders representing MILSET's member organisations. Let us stand more united than ever within this network, actively participating and purposefully working together to empower the next generation with both a social and scientific calling.

Let us continue the jubilant celebration of 35 years of outstanding MILSET!



A stylized, handwritten signature in black ink, consisting of several fluid, overlapping strokes.

Roberto Hidalgo
MILSET President

■ Organisation

MEMBERS

Africa:	8 countries – 18 organisations
Amlat:	13 countries – 21 organisations
Asia:	20 countries – 39 organisations
Europe:	24 countries – 33 organisations
Noram:	1 country – 2 organisations
Vostok:	2 countries – 10 organisations

Associate Organisations: 21 organisations from 16 countries

SPONSORS



Universidad Popular Autónoma del Estado de Puebla (UPAEP)

The Popular Autonomous University of the State of Puebla (UPAEP) is a private Mexican higher education institution of Catholic identity, founded by a community of university students and professors, which arises from the support of broad sectors of Puebla society, constituting itself as an authentic model of social solidarity.

The growth and development of MILSET along more than 30 years couldn't be possible without the support of MILSET main sponsor, an institution that shares the same values and philosophy, the Popular Autonomous University of the State of Puebla UPAEP in Mexico.

MILSET Headquarters have been located inside UPAEP's campus since 2007. From this location, MILSET has been able to organise international programmes that have impacted thousands of young people from all over the world.



MILSET Asia

MILSET Asia Office is the first regional office for MILSET to be established in 1987. It represents one of the biggest continents with a diversity of cultures, ethnic groups, origins, and religions.

Since its founding MILSET Asia has supported MILSET International operations, being one of its main sponsors.



Almeer Technical Services Co W.L.L

Established in the year of 1978 in Kuwait, Almeer Technical Services Co W.L.L has progressively advanced through challenging assignments to carve a successful niche with reputation, in a wide range of engineering need among a distinguished and demanding list of clients in the Middle East region.

Thanks to the support of Almeer Corporation MILSET Expo-Sciences International 2023 has been successfully developed in Mexico giving youth from all over the world the opportunity to gather, present outstanding STEAM projects and live a unique experience.



Observatoire Midi-Pyrénées

In a historical collaboration, OMP is now MILSET's legal home.

After two years of intense work, on March 27, 2023, the Sub-Prefecture of Muret (Haute-Garonne) in France officially registered the installation of the new international legal seat of MILSET in Toulouse at the facilities of the OMP (Observatoire Midi-Pyrénées), which is part of the University of Toulouse III Paul Sabatier.

This historic decision also means that 35 years of activities of MILSET (International Mouvement of Leisure Activities in Science and Technology) have been recognised by the French administration. MILSET is one of the most influential French organisations providing spaces for youth and STEAM leaders to present projects, and ideas, and do networking worldwide.

As MILSET is a non-governmental and non-profit organisation legally constituted in France, it is a great honour that the legal direction has been set in one of the most recognised observatories in the world.

This collaboration will benefit more than 100 youth organisations that are members of MILSET in 80 countries around the world since they will now have as a privileged partner a major research organisation with 350 researchers and 7 laboratories.

MEMBERSHIP



RedPOP Red de Popularización de la Ciencia y la Tecnología en América Latina y el Caribe

One of the goals of MILSET is to associate with other institutions and organisations to enhance science and technology popularisation around the globe.

MILSET is proud member of RedPOP (The Network for the Popularisation of Science and Technology in Latin America and the Caribbean)

RedPOP, is an interactive network that brings together groups, programmes and centres for the popularisation of science and technology (S&T). It works through regional cooperation mechanisms that promote exchange, training, and the use of resources among its members. It was created in November 1990, in Rio de Janeiro, at the request of UNESCO's Science, Technology and Society Programme.

HUMAN RESOURCES

MILSET Managing Director
(part time)

Berenice Suarez

MILSET Communications Manager
(full time)

Lisette Vela

MILSET IT Coordinator
(full time)

José Alberto García Torres

■ Strategic Plan

2024 - 2029

The post-pandemic era has taught us valuable lessons as an organisation, highlighting the importance of improving MILSET's communication among our members and enhancing their involvement in MILSET Governance.

During the MILSET World Virtual Summit held in 2021, participants identified several concerns and proposals. These inputs have been carefully considered in the development of the strategic plan for 2024-2029.

The plan focuses on six key priorities:

1. Promoting the role of youth STEAM (Science, Technology, Engineering, Arts, and Mathematics) and MILSET in global and sustainable development, prosperity, and peace.
2. Establishing a global online community of regional offices, members, and youth STEAM leaders to support collaboration, knowledge sharing, and networking.
3. Delivering excellent global and regional programmes and events that engage and empower young people in STEAM-related activities, provide valuable learning experiences and promote innovation and creativity.
4. Growing MILSET's membership by actively recruiting national youth STEAM organisations from unrepresented countries,

streamlining the membership process, and supporting new members.

5. Achieving long-term financial stability through sustainable funding strategies and ensuring the systematic renewal and succession of governance leadership.
6. Providing expertise and training that are valued by our members and recognised internationally, including relevant resources, capacity-building opportunities, and professional development programmes.

By focusing on these priorities, MILSET will be better equipped to navigate the challenges and opportunities of the future. We are committed to working together with our members to implement this strategic plan and create a brighter future for youth around the world through STEAM.

Thank you for your continued support and dedication to MILSET's mission.



Governance

EXECUTIVE COMMITTEE

Roberto Hidalgo - Mexico
President

Driss Louaradi - Morocco
Director

Adnan Almeer - Kuwait
Vice-President

Ksenia Salnikova - Russia
Director & Programmes Advisor

Reni Barlow - Canada
Vice-President

Antoine van Ruymbeke - Belgium
Director (since May 31, 2022)

Carole Charlebois - Canada
General Secretary & Treasurer

Renata Melo - Brazil
Assistant General Secretary
(since January 25, 2023)

HONORARY PRESIDENT

Jean-Claude Guiraudon - France

SPECIAL ADVISOR

Eugenio Urrutia - Mexico

REGIONAL OFFICES

Driss Louaradi- Morocco- MILSET AFRICA
Maria Angelica Riquelme- Chile- MILSET AMLAT
Adnan Almeer - Kuwait - MILSET ASIA
Antoine van Ruymbeke- Belgium- MILSET EUROPE
Reni Barlow- Canada- MILSET NORAM
Alexander Leontovich- Russia- MILSET VOSTOK

YOUTH ADVISORY COMMITTEE

Based on its mission and vision to engage youth in STEAM activities, MILSET has created the Youth Advisory Committee (YAC), a permanent committee composed of outstanding young volunteers who have actively participated in MILSET programmes.

This committee aims to reflect the youth's perspectives, needs and interests in our activities, and to eventually involve them in the governance of the organisation and the delivery of our services.

Renata Melo
Brazil

Hamzah El Hassani
Jordan

Natalia Leontovitch
Russia

Alvaro Riquelme
Chile

Marcelo Jung
Brazil

Safa Lasmar
Tunisia

Claudia Marin
Spain

Montserrat Ramírez
Mexico

REGIONAL ADVISORY COMMITTEE

Based on the key role that Regional Offices play regarding the engagement of youth in STEAM activities and in the governance of the organisation, MILSET has created the Regional Advisory Committee (RAC), a permanent committee composed of representatives from the six MILSET regions; selected by the Regional Executive Committees and could either hold an official function on the Regional EC or be a leader of a Member's Organisation.

This committee aims to provide regional perspectives, needs and challenges and support the organisation by recommending actions for the development of strategies contributing to MILSET development and consolidation.

Reni Barlow
Canada

Denisa van Ruymbeke
Czech Republic

Johanna Olmos
Mexico

Nader Sherrid
Tunisia / Kuwait

Alexander Leontovich
Russia

Governance Activities

GENERAL ASSEMBLY

The General Assembly was held on October 25, 2021, during the online MILSET World Virtual Summit. Considering the challenges, we are facing vs the pandemic, the necessity to ensure the stability and growth of our programmes, and the importance of having stability on the Executive Committee team, it was approved that the actual Executive Committee directors shall continue their mandate till the 2023 General Assembly.



MEETINGS EXECUTIVE COMMITTEE

The Executive Committee had the following meetings:

- 2021: 5 online meetings
- 2022: 3 online meetings & 1 face to face meeting during ESA in Dubai, UAE
- 2023: 5 online meetings (till August 30th, 2023)

STATUTES

There was no modification to the Statutes since the 2019 General Assembly. The Statutes are accessible both in English and French.

<https://milset.org/milset/web/index.php/about/governance>

Some modifications to the Statutes will be presented, for ratification, to the 2023 General Assembly.

INTERNAL RULES

Some minor modifications to the Internal Rules were approved by the Executive Committee. They are accessible at

https://milset.org/milset/web/sites/default/files/2021-07/MILSET-2021-06-017-GOV-Internal_Rules.pdf

POLICIES, STANDARDS, PROCEDURES

New:

- Code of Conduct – Programmes’ Participants
- Discipline Process
- Leaders Congress Standards
- Young Citizens Conferences Standards

Modifications:

- | | |
|---|----------------------------------|
| MILSET Code of Conduct | Emergency Succession Plan |
| Privacy & Cookies Policy | Expo-Sciences Regional Standards |
| Electronic Signature Policy | ESI Candidatures Process |
| MILSET Account Policy | ESI MILSET Responsibilities |
| MILSET Account Acceptable Use Policy | Emergency Succession Plan – |
| Records Conservation & Archiving Policy | Officers & Staff |
| Website Ownership & Administration Policy | |
| Cash Advances Policy | |
| Currency Exchange Policy | |
| Fundraising Policy | |

OTHER GOVERNANCE ACTIVITIES

Modification of the MILSET legal seat in France – Observatoire Midi-Pyrénées in Toulouse
Revised duties – General Secretary

Nomination of an Assistant General Secretary – Renata Melo

Revised duties – Treasurer vs bookkeeping

Memorandum of Agreement with the Regional Offices – Definition of rights and obligations

Recruitment Process – Election at the 2023 General Assembly

MISSIONS

2021

- Participation of MILSET President in the MILSET World Virtual Summit
- October- Meeting with ESA 2022 host organising committee- Dubai- Roberto Hidalgo, Adnan Almeer

2022

- Participation in MILSET Expo-Sciences Asia 2022, in Dubai, UAE.



Human Resources

- Monthly Management Team meetings and individual meetings upon request
- Staff Annual Actions Plans & Quarterly reports.

MANAGEMENT

Following the analysis conducted in 2021, some improvements have been implemented:

Membership:

- Proposal for a more standardised membership process across all MILSET Regions, currently under approval. The objective is to conduct comprehensive analysis of membership requests while reducing the feedback period. It also aims to ensure alignment and coherence among all relevant authorities involved in the process.
- The Managing Director conducts periodic updates in the MILSET Global System every trimester, maintaining close contact with the regions. The next phase of this project is currently in progress and will include membership accounts for every active member, membership certificates, and membership status.

Manuals & Management documents:

- ESI Organising Manual
- Collaboration with Strategic Plan Committee to develop the new MILSET Strategic Plan 2024-2029
- Collaboration with the Regional Advisory Committee Mandate (RAC) and supporting RAC's meetings by proposing agenda and making follow up of the tasks.
- Develop MILSET World Virtual Summit round tables reports, including of MILSET Members Feedback to be used in Strategic Plan development.

Manuals & Management documents:

- STEAM Photo Contest (SPC):
- Open Recruitment of Jury Members including NASA, OMP
- Follow up on the promotion of the activity by contacting members to promote the activity in their region.
- Enhancements are being made to the initial stage of the photo preselection process to ensure strict adherence to the established rules. Follow up the updates on the Registration and Evaluation Systems based on needs and proposals.

- Support MILSET Global Activities such as the MILSET World Virtual Summit by focusing on developing the necessary logistics and ensuring a seamless speaker recruitment process.
- MILSET ESI 2023.
- Providing a thorough follow-up on the event's requirements and ensuring that all standards are upheld.
- Follow up on MILSET ESI 2023 registration.

Support Regional Activities such as:

- Regional Expo-Sciences logistics such as MILSET Expo-Sciences Asia-2022,
- Regional General Assemblies and Special activities detailed in the Communication section.

Publications



The Journal on Science Engagement (JOSE)

JOSE is the official periodical publication of MILSET. The main goal of the Journal is to popularise MILSET's an MILSET Member's activities and latest research regarding STEAM strategies.

During 2021 the JOSE rules and editorial mandate documents were approved by the MILSET EC with the objective of having an appropriate structure, and content.

The latest editions include:

- The Journal on Science Engagement issue 6
- The Journal on Science Engagement issue 7 in progress

The editorial board is led by the Chief Editor Mr Alexander Leontovitch from Russia and supported by:

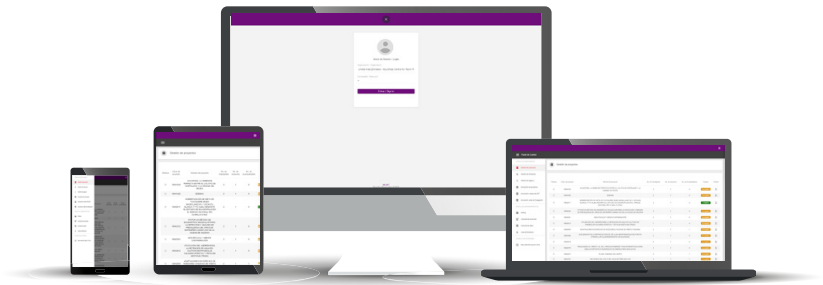
- Ksenia Salnikova - Russia
- Coordinator Marina Sergeeva - Russia
- Reni Barlow - Canada
- Driss Louaradi - Morocco
- Jeppe Willads - Denmark
- Nader Serrid - Kuwait
- Eugenio Urrutia - Mexico

COMMUNICATION & PROMOTION

- Development of the annual MILSET communication plan
- Development of special campaigns
 - MILSET 35th anniversary
 - International Day of Scientific Culture
- Development of social media plans
- MILSET Expo-Sciences Asia 2022
- ESI 2023
 - International
 - National
 - Local
- Creation of promotional campaign content and social media posting
 - MILSET Programmes
 - Special Activities
 - Member's Activities
 - MILSET Regional Expo-Sciences 2022
 - ESI 2023
 - MILSET 35th Anniversary
- Proofreading
 - Social media content in English and Spanish
 - Official documents
 - Official letters
 - Mailing texts
 - Manuals
 - Policies
- Supervision and Coordination of social media graphic material
 - MILSET Programmes
 - Special Activities
 - Member's Activities
 - MILSET Regional Expo-Sciences 2022
 - ESI 2023
 - 35th Anniversary

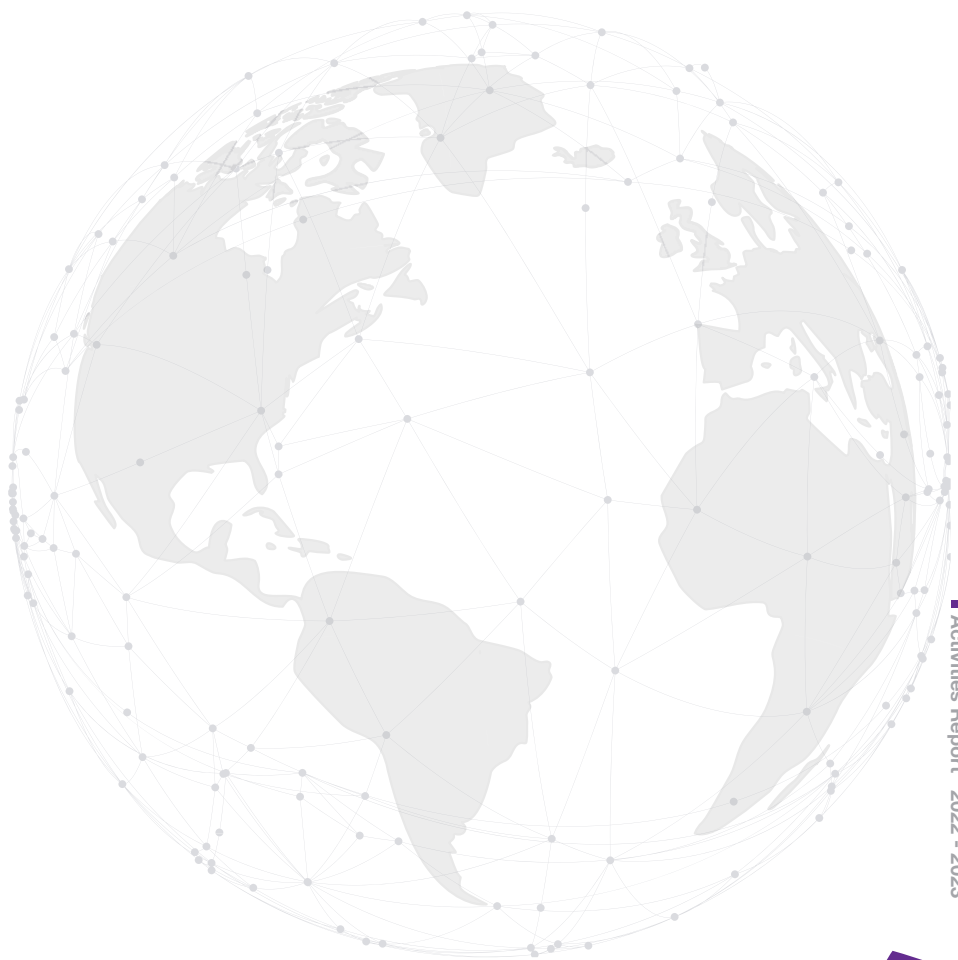
- Updating of content
MILSET website
MILSET history landing page
MILSET official documents
- Development of MILSET events newsletters.
- Development of informative sessions for MILSET members regarding MILSET branding and communication platforms.
- Organise and file official documents.

SYSTEMS & IT



- Overseeing and maintaining MILSET communication platforms.
- Providing high-level end-user support.
- Conducting troubleshooting, repairs, data restoration, and data protection.
- Performing maintenance on the dedicated server and Microsoft 365.
- Implementing updates for the MILSET Global system directory.
- Managing updates for the MILSET Registration System across various programs and activities, including
 - MILSET Expo-Sciences International
 - MILSET Regional Expo-Sciences (ASIA and AMLAT)
 - Young Citizens Conferences
 - MILSET STEAM Photo Contest (Registration and Evaluation modules)
 - International Research School (IRS) (MILSET VOSTOK)
- Developing specialised websites for MILSET events
- Creating hybrid systems to facilitate information exchange between internal MILSET systems and external ones.
- Updating and implementing the MILSET mailing system (a tool for mass email delivery).
- Coordinating and executing MILSET and MILSET Regional activities in virtual formats.
- Designing graphic materials (banners, videos, mockups, etc.) for the promotion of MILSET programmes and special activities.

- Designing graphic materials (banners, videos, mockups, etc.) to promote MILSET Regional special activities.
- Coordinating and producing audio-visual content for special MILSET & ESI promotional videos.
- Organising and conducting training sessions to equip MILSET regional offices with useful communication tools to support their activities.
- Assisting MILSET regional offices and host organisation members in administering the MILSET registration system.
- Providing training to MILSET Regional offices in the utilization of MILSET internal systems.
- Developing and configuring live streaming platforms for MILSET office and MILSET regional offices' virtual events.
- Coordinating diplomatic relations between MILSET and NASA.



Financial Reports

MILSET – FINANCIAL REPORT 2021 - 2022

REVENUES	2021	2022
Membership Fees - 2018	100,00	
Membership Fees - 2019	100,00	
Membership Fees - 2020	3818,54	500,00
Membership Fees 2021 – Received in 2020-2021	284,08	100,00
Membership Fees 2021	7623,99	400,00
Membership Fees 2022 – Received in 2021		932,56
Membership Fees 2022		5437,70
ESI 2019 – Registration Fees (MILSET portion)	27417,15	33983,03
Others	,24	0,09
Sponsorship – MILSET Asia	992,20	13660,23
TOTALS	40336,20 €	55013,61 €
EXPENSES	2021	2022
Salaries & Honorarium	31722,97	33097,78
Salaries – Bonus from MILSET Asia		4500,00
Missions	1380,10	8556,70
Missions – EC & Staff		
Bank Charges	1457,04	2012,20
Website, Domains, Licences	2597,98	3024,73
Supplies & Others	913,50	777,51
Communications Tools		250,12
SPC Awards	374,04	
Virtual Summit	1900,57	
JOSE - Proofreading		358,41
TOTALS	40336,20 €	55013,61 €
SURPLUS (DEFICT)	-	-

FINANCIAL POSITION

MILSET - STATEMENTS OF FINANCIAL POSITION

As per December 31, 2021 & 2022

ASSETS	2021	2022
Current Assets		
Account – HSBC-Paris	97235,20	64579,69
Account – UPAEP-Puebla	1003,23	1506,40
UPAEP - Salaries	630,88	
Mission – Advance to Carole Charlebois		200,00
Communications – Advance to Liz Vela	796,54	556,03
	99665,85	66842,12
Accounts Receivable		
MILSET Asia – ESA 22- EC & staff fights tickets	4209,820	
Air France – Voucher to be reimbursed	1704,59	1704,59
MILSET Europe – Membership fees	5914,41	
MILSET Amlat – Membership fees	300,00	
	1212882	1704,59
Prepaid Expenses		
Host Dime	2500,00	2843,18
Office 365 & streaming licences	234,17	82,08
ESA 22 – EC & staff flights tickets	4209,82	
Honorarium – Liz Vela	865,00	
	6943,99	3790,26
TOTAL ASSETS	118738,66 €	72336,97 €
LIABILITIES	2021	2022
Current Liabilities		
Salaries – Bere Suarez	1261,76	
MILSET Amlat – Membership Fees reimbursement	677,44	779,14
	1939,2076	779,14
Deferred Revenues		
Membership Fees collected for 2022-2023	904,26	400,00
Registration Fees – ESI 2019 (MILSET portion)	69284,22	35701,19
	70188,48	36101,19
TOTAL LIABILITIES	72127,68 €	36880,33 €
NET ASSETS (DEFICIENCY)		
Unrestricted	46610,98	35456,64
	118738,66 €	72336,97 €



Programmes

MILSET ACTIVITIES

MILSET REGIONAL EXPO-SCIENCES (ESR)

MILSET EXPO-SCIENCES ASIA (ESA 2022)



The 6th MILSET Expo-Sciences Asia took place from February 20-25, 2022, in the captivating city of Dubai, United Arab Emirates.

This edition was successfully organised by the Emirates Science Club, providing a platform to showcase creative projects from 10 Asian countries and 15 MILSET members from other regions.

Remarkably, this event marked the first MILSET offline gathering after the challenging lockdown period due to the pandemic.

- 10 countries
- + 150 projects
- + 400 participants

MILSET EXPO-SCIENCES EUROPE (ESE 2022)

The 13th MILSET Expo-Sciences Europe took place from July 24-30, 2022, in the captivating city of Suceava, Romania.

This prestigious event brought together young scientists from Europe and other regions, providing them with a platform to showcase their groundbreaking research.

- 19 countries
- + 37 projects
- + 85 participants



MILSET EXPO-SCIENCES AMLAT (ESI-AMLAT 2022)



For the historic occasion, the MILSET Expo Sciences Latin America chose Argentina as its host country, a nation with strong ties to the organisation's roots in this region.

Despite the obstacles presented by the pandemic, the event successfully transitioned to an online format, from Santa Rosa, La Pampa, gathering outstanding projects from 10 country members of the AMLAT region, along with representatives from 3 countries belonging to other MILSET regions.

- 14 countries
- + 55 projects
- + 150 participants



SET EXPO SCIENCE VOSTOK 20



MILSET EXPO-SCIENCES VOSTOK (ESV 2022)



MILSET Vostok region selected Kazakhstan to host MILSET Expo Sciences Vostok 2022, showcasing their commitment to fostering STEAM activities without limitations.

This event, held from September 26 to October 2, 2022, exemplified innovation, and collaboration by combining in-person and virtual elements.

It provided a dynamic platform to showcase exceptional projects from 3 VOSTOK region countries and 3 other MILSET regions.

- 7 countries
- +45 projects
- +90 participants

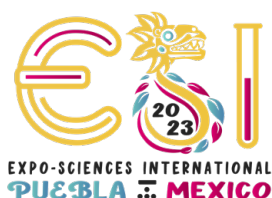
2024

MILSET Regional offices eagerly await exceptional projects from all member countries, offering a platform to showcase their creativity, knowledge, and culture.

We invite you to join us and be amazed by the iconic destinations at our upcoming MILSET Regional Expo-Sciences 2024.

- MILSET Expo-Sciences Asia (ESA 2024) in Bali, Indonesia
- MILSET Expo-Sciences Europe (ESE 2024) in Sarajevo, Bosnia and Herzegovina
- MILSET Expo-Sciences AMLAT (ESI

MILSET EXPO-SCIENCES INTERNATIONAL (ESI) ESI 2021 / ESI 2023 | MEXICO



The 18th edition of the MILSET Expo-Sciences International, ESI 2021, had to be postponed due to Covid-19 Pandemic. The ESI will be held in 2023 in Mexico.

ESI 2023, proudly hosted by UPAEP University in Puebla City from October 21 to 27, will establish UPAEP as the ultimate destination where culture, brilliant minds, and science converge.

More information is available in www.esi2023.milset.org

MILSET YOUNG CITIZENS CONFERENCES (YCC)



MILSET Young Citizens Conferences (YCC) are dedicated to the views and concerns of youth regarding the social impact of science and technology on the modern world, gathering their voices from every part of the globe and encouraging them to actively enter the discussion.

The exponential growth of new technologies and scientific knowledge has generated new and exciting possibilities; however, this has also raised new ethical, social, and ecological issues. We believe that the open-mindedness of young scientists combined with their sense of social responsibility can yield important contributions to the dialogue.

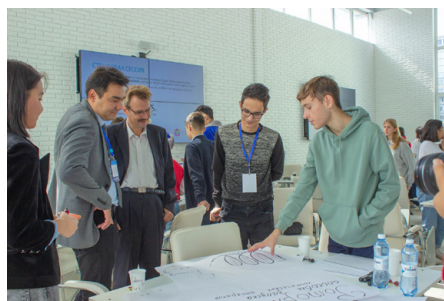
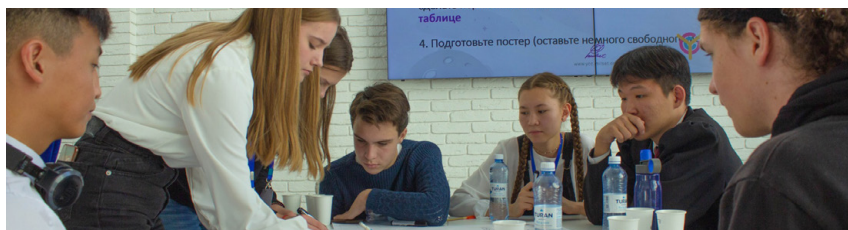
The primary goals of these conferences are achieved through a three-step methodology: Concerns, Discussion and Actions.

Throughout the year, local, regional, and national youth STEAM organisations around the world are invited to organise YCCs on the topic of encouraging youth to discuss their thoughts and propose suggestions based on their knowledge and experience. Conferences follow the three-step methodology: Concerns, Discussion and Actions.

2021

The topic to be discussed for 2022 and 2023 is “Our Future in Space” divided into five subtopics Moon, Mars and planets of the solar system, Space Tourism, Space Debris, New Materials, and Space jobs of the future.

- The programme was officially held as part of the activities for the MILSET Expo-Sciences Asia in Dubai having keynote speakers from NASA and Bin Rashid Space Centre Lab and a participation of youth from 15 to 25 years old.
- MILSET Vostok organised the YCC during the MILET Expo-Sciences Vostok 2022
- MILSET Europe organised the YCC during the MILSET Expo-Sciences Europe 2022
- DoctoRabbit Science Inc. from Indonesia organised the Young Citizens Conferences for Asian and ASEAN countries from September 9 to 11, 2022 presenting 10 conferences and having participants from 13 to 17 years old.
- The National Network of Youth Activities in Science and Technology (REDMex) organised the Mexican Expo-Sciences on December 8, 2022, having 1 keynote speech and 100 participants from 15 to 25 years old.





MILSET STEAM PHOTO CONTEST (SPC)



The MILSET STEAM Photo Contest (SPC) aims at creating a leeway for youth to express what they observe within science, in photos creatively. The activity is free and open to participants of 13 to 25 years old from all over the world.

2021

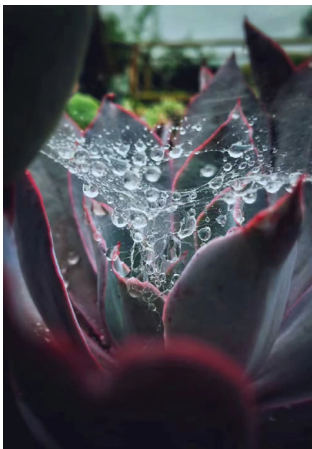
This edition was reported in the last MILSET Annual Report 2019-2021

2022

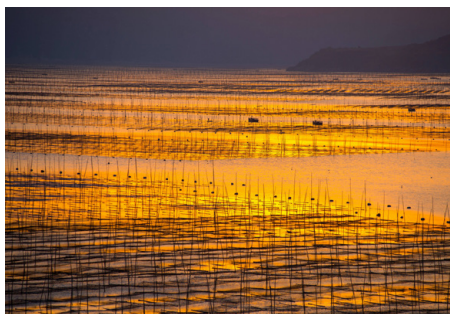
This edition was developed from April to August 2022. Over the course of five months, a total of 158 photographs from 17 countries (Costa Rica, Mexico, China, Turkey, Vietnam, Nepal, United Arab Emirates, Luxembourg, Romania, France, Myanmar (Burma), Paraguay, Russia, Poland, Bolivia, Iraq, India) were submitted, reflecting the global participation and interest. Furthermore, we have successfully recruited new high-level and multicultural experts to join the MILSET SPC Jury Committee.

Winners:

- 3rd place
- ZHUOER MIAO ZHUOER MIAO
- China



Description: In the morning scene shown in the photograph, the spiders web above a succulent plant is decorated with dewdrops like a veil of crystal, making the flowers even more delicate. Dewdrop formation is a liquefaction phenomenon. In the warm season, the air is relatively humid, and when the temperature drops gradually, the water vapor in the air cools and liquefies into small droplets that fall on plants and form transparent dewdrops which shine incredibly bright due to total internal reflection. At the same time, the nano-scale natural hydrophobic layer on the plant surface allows the landscape to be preserved.



- 2nd Place
- Du LI
- China

Description: If you stand by a lake and look down at the water beneath your feet, you will see that the water is transparent and not particularly reflective;

If you look at the lake in the distance, you will see that the water is not transparent, but the reflection is very strong.

This is called the Fresnel effect. This photo was taken in Xia pu tidal-flat area in Fujian Province, China. In the evening, after the low tide, fishermen are fishing for shellfish in the shallow water. The sunset shines on the water, reflecting the light and shadow, creating a unique scene of abundance.



- 1st Place
- Tian Xia
- China

Description: Aurora is a large-scale discharge process around the earth. As part of the solar wind, charged particles rush to the earth at a speed of 3 million kmh.

When they reach near the earth, they are captured by the earth's magnetic field, causing some of them to approach the north and south poles along the field line.

When these charged particles enter the polar upper atmosphere, they collide with atoms and molecules in the atmosphere, which will produce 1 million trillion energies.

Small particles in the earth's atmosphere will release energy; for instance, oxygen atoms emit green or red light, oxygen molecules emit red or yellow light, and nitrogen molecules emit purple or pink light.



Find the SPC Gallery at
www.spc.milset.org



MILSET WORLD VIRTUAL SUMMIT

2021



In light of the decision to postpone the ESI 2021 to 2023, MILSET has organised a special edition event called the MILSET World Virtual Summit 2021

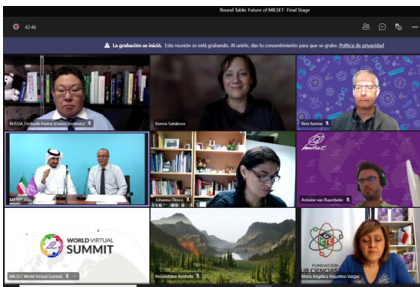
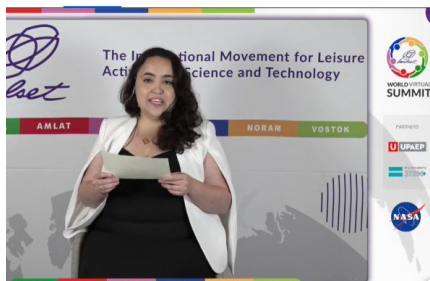
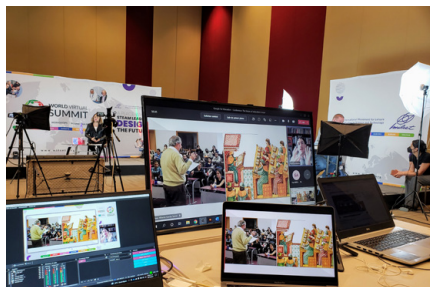


This event took place from October 25 to 29, 2021 and aimed to provide an e-learning platform for our members, featuring international top speakers discussing the Challenges of STEAM in a virtual era through conferences and workshops.

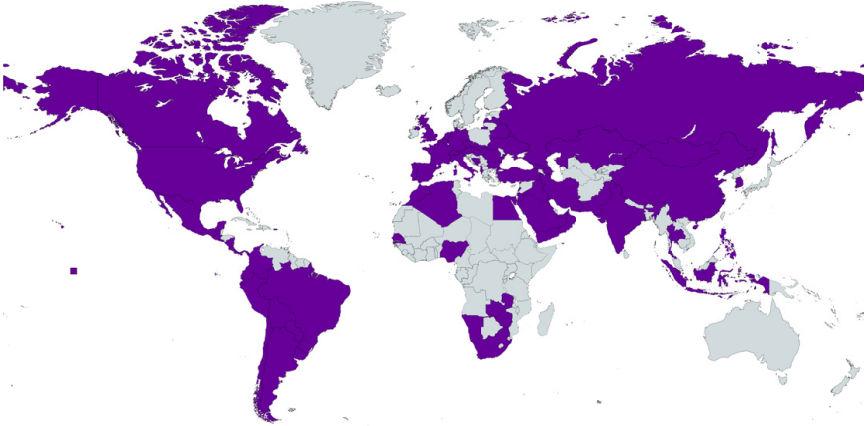
Additionally, the summit facilitated round table discussions where MILSET members actively participated in shaping the new Strategic Plan. We are pleased to share that the MILSET World Virtual Summit 2021 received an impressive turnout, with 377 leaders from 81 countries representing all continents.

The Summit was composed of open activities for all public such as conferences that were streamed in MILSET YouTube & Facebook channels but also for workshops and round tables for MILSET members.





MILSET World Virtual Summit received 377 leaders from 81 countries representing all continents



AFRICA



Algeria



Egypt



Libya



Morocco



Namibia



Nigeria



Senegal



South Africa



Tunisia



Zambia



Zimbabwe

LATIN AMERICA



Argentina



Bolivia



Brazil



Chile



Colombia



Costa Rica



Ecuador



El Salvador



Guatemala



Guyana



Mexico



Nicaragua



Panama



Paraguay



Peru



Puerto Rico



Uruguay



Venezuela

ASIA



EUROPE



NORAM



VOSTOK



OCEANIA



The Summit was composed of open activities for all public such as conferences that were streamed in MILSET YouTube & Facebook channels but also for workshops and round tables for MILSET members.



Conference: Why is it important to learn STEM?

Speaker: Ana Karen Ramírez

Institution: Epic Queen

Date: October 25, 2021

<https://youtu.be/IV3FynuPGNQ>



Conference: NASA resources with an educative approach

Speaker: Jorge L. Sotomayor

Institution: NASA

<https://youtu.be/UM0tkb8GMhU>



Conference: STEAM integration through purposeful play

Speaker: Claudette Muñoz

Institution: LEGO Education

<https://youtu.be/J0PevAKsNP4>



Conference: Aztech Sat 1 - Satellite designed and built by Mexican students.

Speaker: Sofia Naranjo

Institution: UPAEP

<https://youtu.be/itkgYviYUCs>



Conference: Redefining the Lab Purpose

Speaker: Dominic Tremblay

Institution: Youth Science Canada

<https://youtu.be/itkgYviYUCs>



Conference: Are you ready to compete with a robot?

Speaker: Laura Segura

Institution: Movimiento STEM

<https://youtu.be/A2Rwll3mhNE>



Conference: Constructing an Educational Society with a STEAM Approach

Speaker: Elaine Reynoso Haynes

Institution: Somedicyt

<https://youtu.be/LheTkeGkvdk>



Conference: Research Projects: Passion and Purpose

Speaker: Serena Mc Calla

Institution: iResearch Corporation

<https://youtu.be/vi95W5Dz3NU>



Conference: Experience about Global Teacher Prize

Speaker: Ranjitsinh Disale

Institution: Global Teacher Prize Winner 2020 by Varkey Foundation

<https://youtu.be/EymdmvJFzZM>



Conference: The future of education is now
 Speaker: Alejandro Almazan
 Institution: Google for Education
<https://youtu.be/sohHSySdQuM>



Conference: The Emergence of Virtual and Hybrid Events: How the digital creativity sparked by COVID-19 changed physical events forever.
 Speaker: Renata Vaccaro
 Institution: Project Board by Engineering.com
https://youtu.be/cAJJ869_ax8



Conference: Integrating NASA STEM Resources and Programmes in Communities
 Speaker: Kelly Martin-Rivers
 Institution: NASA
https://youtu.be/7At_OoiOxYE



Workshop: How to conduct students' projects in the situation of the lockdown?
 Speaker: Ivan Smirnov
 Institution: Basil the Great Gymnasium
 Date: October 26, 2021



Workshop: Big Data Analysis
 Speaker: Maria Dorofeeva
 Institution: LoReTT group
 Date: October 26, 2021



Workshop: "Hands-on(line) Learning"
 Speaker: Jose Maria Rosas Garibay & Aline Siqueiros
 Institution: Apisec Learning
 Date: October 28, 2021



Workshop: "Hands-on(line) Learning"
 Speaker: Jose Maria Rosas Garibay & Aline Siqueiros
 Institution: Apisec Learning
 Date: October 28, 2021



Workshop: "Create your own exoplanet"
 Speaker: Salome Matos
 Date: October 28, 2021

SPECIAL EVENTS

During 2022 MILSET Staff supported special virtual activities proposed by some MILSET Regions.

MILSET AMLAT CONFERENCE CYCLE

MILSET AMLAT launched a cycle of conferences related to STEAM topics.

Catalina de los Angeles Ballester Acuña

Tema: Neurociencias versus Neuroética, ¿convergencia o igualdad de género?

2 DE JUNIO | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Dr. Javier Ríos Gómez

Tema: "La innovación disruptiva y la transformación exponencial"

22 DE JUNIO | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Cauffman, Sandra A

Tema: "El espacio uniendo al Mundo"

13 DE JULIO | 21:00 - 22:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Ronald Chung Díaz

Tema: La Industria Especial

14 DE JULIO | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Dr. Jorge Rafael Díaz Dumont

Tema: "Revistas Científicas y Ciencia Abierta"

10 DE AGOSTO | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Biol. Rafael Flores Hernández

Tema: "Contribución de ExoCiencias a la Agenda 2030"

22 DE SEPTIEMBRE | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Ronald Chung Díaz

Tema: La Industria Especial

14 DE JULIO | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Maria Elena Zaccagnini

Tema: La conservación de la biodiversidad

06 DE OCTUBRE | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Prof. Dr. Alejandro Roberto

Tema: El Puma ¿Enemigo o Indicador de Problemas Ambientales?

10 DE NOVIEMBRE | 22:00 - 23:00 GMT

MÁS INFORMACIÓN AMLAT MILSET ORG (PARTICIPAR) TRANSMISIONES EN facebook.com/milsetamlat youtube.com/milset

Awards

MILSET recognises volunteers, members and partners who have made outstanding contributions to the organisation or its programmes at the regional, national, or international level.

The following MILSET Awards celebrate the accomplishment of its mission "Networking youth science organisations globally to promote the importance of science and technology in society".

The latest awards given are:

MILSET AWARD

MILSET Award has been traditionally given to the host organisation of the Expo-Sciences International since the 1st one in Canada in 1987.

ESI 2019	Abu Dhabi	Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET)
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DEREK GRAY MEDAL

The Derek Gray Medal is presented, during the MILSET Expo-Sciences International, to an individual outstanding contribution to the movement and its activities or the long-term investment of an individual to the movement. This award has been created in memory of Derek Gray from South Africa.

ESI 2019	Abu Dhabi	Eugenio Urrutia Albisua from Mexico
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ENRIQUE PADILLA AWARD

The Derek Gray Medal is presented, during the MILSET Expo-Sciences International, to an individual outstanding contribution to the movement and its activities or the long-term investment of an individual to the movement. This award has been created in memory of Derek Gray from South Africa.

ESI 2019	Abu Dhabi	Zimbabwe Science Fair
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MILSET VOLUNTEER AWARD

The MILSET Volunteer Award is presented to a young volunteer as recognition of their values, passion, and commitment in promoting and supporting science and technology education for youth.

World Virtual Summit 2021	Mexico - online	Gionata Pandini from FAST in Italy Soren Beck from UNF in Denmark
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ESI CULTURAL AWARD

The Cultural Award is presented during the MILSET Expo-sciences International, to a delegation participating in the current ESI. This award is presented to the delegation whose performance during the ESI cultural evening shows preparation, practice, and

ESI 2019	Abu Dhabi	Best Performance: National Network of Science and Technology RED from Mexico Best Booth: FECITEC Girasoles from Paraguay
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BEST DELEGATION AWARD

The Best Delegation Award is presented, during the MILSET Expo-sciences International, to a delegation participating in the current ESI. This award should recognize, among other qualities of the delegation, their exemplary behavior, and their openness toward other cultures.

ESI 2019	Abu Dhabi	Landersband Jugendbildungswerk (LJBW) from Germany	Sachsischer
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ULZAHAN YESSIRKAP EXCELLENCE AWARD

Is presented at every MILSET Expo-Sciences that takes place in Asia, in memory of female Kazakh student and MILSET member Ulzahan Yessirkap.

ESI 2019 Abu Dhabi Meera Mazrouei from United Arab Emirates





Anthem

Around the world there are so many nations,
The country borders tear the earth apart.
But borders don't exist for Inspiration,
And nothing limits Sciences and Arts.

Chorus:

No more borders, we are all together,
'T doesn't matter, what's your mother tongue.
MILSET's here to break the walls forever!
No more limits! The future's for the young!

So if you seek discoveries and inventions,
And if your mind is open to the new,
It can reveal the mysteries of Nature,
The future of the world belongs to you!

Chorus (x2)

Music and lyrics by
Roman Gadas and Evgeny Ballard



Contact us

Website: <http://www.milset.org>

Facebook: <https://www.facebook.com/MILSET>

YouTube: <https://www.youtube.com/channel/MILSET>

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