

General Information

Workshop Name	TMET.AI: Transforming Learning Through Technology
SC Topic Related Mention with which Standing Committees the workshop has affiliation	SCOME
Event Details Write the event name, date, and location	- Event Name: SCOME Camp 2026 - Date: 10th - 14th September, 2026 - Location(city): Cádiz, Spain
Hosting NMO Name the event hosting NMO	IFMSA-Spain
Workshops Coordinator Name, contact information, NMO, & Positions of the Workshop Coordinator/s	- Full Name: Juan Luis Lobato Ortega - Contact Number: (+34) 671800054 - Contact email: jllobort@gmail.com - WCo's NMO: IFMSA-Spain - IFMSA/NMO Position (If any): IFMSA-Spain, National Officer on Research Exchanges - Full Name: Omar Odeh - Contact Number: +972598689174 - Contact email: cbda.scome@ifmsa.org - WCo's NMO: PMSA-Palestine - IFMSA/NMO Position (If any): IFMSA SCOME Capacity Building Development Assistant - Full Name: Rodoula Theoti - Contact Number: +35797664589 - Contact email: scomed@ifmsa.org - WCo's NMO: CyMSA-Cyprus - IFMSA/NMO Position (If any): IFMSA SCOME Director

Information about the workshop

Background/ Introduction to the workshop

General Overview (max.
300 words)

In today's rapidly digitizing world, medical education is evolving faster than ever before. Artificial Intelligence, immersive simulation, and data-driven pedagogy are redefining how future doctors learn, teach, and collaborate. Yet technology alone does not guarantee progress, it must be guided by equity, ethics, and empathy.

TMET.AI: Transforming Learning Through Technology is the next evolution of IFMSA's *Training Medical Education Trainers (TMET)* workshop. Building on two decades of global capacity building, this edition integrates AI, digital learning, and innovation ethics into the classical TMET framework.

Hosted in **Cadiz, Spain**, TMET.AI symbolizes transformation by connecting the Federation's educational legacy with the intelligence and creativity that will shape the digital future.

Participants will go through three stages in this workshop:

1. **The Foundation:** where they revisit the fundamentals of medical education, teaching theories, and design, contextualized in a digital age.
2. **The Innovation:** where they explore AI & its ethics, immersive technologies (VR/AR), data-driven education strategies, and more.
3. **The Transformation:** where they take control as trainers and advocates, creating and facilitating sessions, initiatives and curriculums that reflect their vision for inclusive, technology-empowered learning.

Participants will explore how technology can empower, not replace, human educators. Through hands-on experience, guided reflection, and collaborative innovation, they will learn to design, facilitate, and evaluate education that is *smart, inclusive, and human-centered*.



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Goals and Objectives

Mention all SMART
Objectives with their
indicators of Success.

Goal Statement:

To equip medical students with the competencies and ethical awareness required to lead medical education into the digital era as trainers, innovators, and advocates for equitable, technology-enhanced learning.

Objective 1: Provide an engaging and inclusive learning experience for 10–15 IFMSA members to actively participate in TMET.AI, integrating technology and innovation throughout.

- **IoS 1.1:** *≥ 80 % of participants attend ≥ 80 % of the total workshop hours.*
- **IoS 1.2:** *≥ 85 % report satisfaction with the overall learning environment and methods used.*
- **IoS 1.3:** *≥ 75 % feel more confident engaging in their local medical education systems through digital or innovative approaches.*

Objective 2: Ensure participants grasp the essential concepts of medical education and apply them effectively within their contexts.

- **IoS 2.1:** *≥ 75 % report improved understanding of teaching and learning methodologies, curriculum design, educational strategies, and assessment after the workshop.*
- **IoS 2.2:** *≥ 75 % demonstrate, through exercises, the ability to reflect on and propose relevant solutions for curricular challenges.*
- **IoS 2.3:** *≥ 75 % identify how the quality of their medical education systems influences healthcare outcomes.*

Objective 3: Empower participants to connect classical MedEd principles with innovative, technology-driven practices.

- **IoS 3.1:** *≥ 80 % attend ≥ 80 % of sessions.*
- **IoS 3.2:** *≥ 75 % report increased understanding of core MedEd concepts and digital transformation.*
- **IoS 3.3:** *≥ 85 % express satisfaction with the integration of AI-related and digital methodologies in the learning process.*

Objective 4: Enable participants to confidently use technology and AI tools in educational facilitation and design.



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- **IoS 4.1:** $\geq 75\%$ show measurable improvement in facilitation and session-design skills (pre/post assessment).
- **IoS 4.2:** $\geq 70\%$ demonstrate the ability to integrate AI or digital tools into a training outline.
- **IoS 4.3:** $\geq 50\%$ deliver a digital or hybrid educational activity within six months.

Objective 5: Encourage critical thinking and ethical awareness in applying technology and AI in education.

- **IoS 5.1:** $\geq 75\%$ identify ethical challenges and biases in AI-driven education.
- **IoS 5.2:** $\geq 70\%$ produce reflective outputs addressing equity, diversity, and inclusion (EDI) in adopting technology.

Objective 6: Foster digital collaboration and communication skills essential for team-based learning and facilitation.

- **IoS 6.1:** $\geq 75\%$ report improved confidence in public speaking and collaborative facilitation.
- **IoS 6.2:** Each team successfully co-delivers a mini-training during the workshop's graduation sessions.

Objective 7: Support participants to transfer knowledge and apply their skills as recognized medical education trainers.

- **IoS 7.1:** $\geq 75\%$ report improvement in facilitation, session design, and non-formal education skills between pre- and post-assessment.
- **IoS 7.2:** $\geq 90\%$ complete all components of the TMET.AI training.
- **IoS 7.3:** $\geq 50\%$ deliver MedEd sessions or engage in related initiatives within one year of the workshop.

Objective 8: Encourage continuous professional development and connection to the global trainers' community.

- **IoS 8.1:** All participants join the IFMSA SCOME Trainers Network.
- **IoS 8.2:** $\geq 60\%$ remain active through mentorship or training within six months.
- **IoS 8.3:** All participants complete a reflective portfolio documenting their growth and local impact.



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	Objective 9: Create an empowering space for collaboration, creativity, and learning. • IoS 9.1: Ground rules are co-created with participants to ensure inclusion and respect. • IoS 9.2: All participants engage in structured introductions and interactive icebreakers. • IoS 9.3: Participant groups are rotated daily to promote networking and collaboration. • IoS 9.4: All participants feel safe and confident expressing their ideas freely
Expected number of participants Please delete all options beside one	• Number of trainers: 3-4 (3-5 participants per trainer). • Number of participants: 15-20
Methodology Explaining the way the workshop will be conducted. Please fill-up using any one/more of the drafted methodologies. Completely different methodologies which are not mentioned here can also be used.	• Preparation of the participants for the event Participants will receive the workshop proposal and learning objectives beforehand to set clear expectations. A pre-event group chat will facilitate informal interaction between trainers and participants, allowing early community building. They will be encouraged to reflect on their own medical education systems and bring relevant examples or experiences to share. • Training methods used TMET.AI will combine non-formal education approaches with interactive and technology-supported learning methods. These include: • Interactive Presentations: blending traditional MedEd content with AI-related case studies and visual tools. • Small Working Groups (SWGs): to foster collaboration, digital brainstorming, and problem-solving. • Gamification & Energizers: using simple digital tools (e.g., Mentimeter, Padlet) to maintain engagement and reinforce learning.

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- **Simulations & Role Plays:** exploring real-world academic and technological challenges such as integrating AI into curricula.
- **Reflection Circles:** structured debriefs that emphasize feedback, empathy, and ethical reasoning.

- **Strategy of covering the topics**

Core TMET topics — teaching methodologies, curriculum development, assessment, facilitation, and educational strategies, etc. — will be explored in the context of technology integration. Each topic will combine theoretical understanding with application via practice-based and reflective learning.

- **Recap groups**

At the end of each day, small recap groups will review key lessons, emotional highlights, and applications of new digital tools. Trainer feedback from these sessions will shape adjustments to the next day's content.

- **Mini-trainings**

By the workshop's conclusion, participants will design and deliver a short digital or hybrid training session ("graduation session"), receiving structured feedback from peers and trainers.

- **Safer Space & Inclusivity Approach:**

Equity, Diversity, and Inclusion (EDI) principles will be integrated throughout. Ground rules co-created on Day 1 will ensure mutual respect, open communication, and psychological safety. The schedule will balance learning intensity with well-being and accessibility.





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Follow up Plan

To ensure that the knowledge, skills, and attitudes gained during the TMET workshop are sustained and applied, a structured and supportive follow-up plan will be implemented over the course of six months post-workshop. This plan will focus on guiding participants through their graduation process, encouraging continued development, and integrating them into the IFMSA and SCOME trainers' community.

Graduation Process Requirements:

- Active participation in at least 80% of the workshop duration to be eligible for graduation.
- Graduation training: Each participant must deliver a 20-minute training session before the end of the workshop, applying key concepts learned. Trainers will observe, evaluate and provide feedback.
Pre- and post-assessments: Participants must complete both evaluations to measure progress in knowledge, skills and attitudes.
- Post-workshop training delivery: Within 6 months, participants are expected to conduct a minimum of 6 hours of documented training on medical education-related topics.
- Trainer portfolio: Participants will compile a portfolio including session outlines, feedback received, and reflection on their facilitation.

Trainers' Follow-Up Responsibilities:

- Monitor participants' progress in fulfilling their graduation requirements.
- Provide individualized feedback and mentorship via check-ins or written updates.
- Share a post-workshop toolkit containing useful templates, facilitation tips and further reading materials (distinct from workshop content).
- Introduce graduates to the IFMSA Medical Education Trainers Communication Channel and provide guidance on how to get involved.
- Encourage active participation in the SCOME Trainers Pool and suggest next steps, such as attending advanced workshops or joining regional or international facilitation teams.

Monitoring & Evaluation:

- Daily self-assessment and group reflections during the workshop will support individual growth tracking.



	• Pre/post evaluation tools will assess factual, conceptual, and procedural knowledge. • A final follow-up survey will be shared three months post-workshop to measure knowledge application and engagement in medical education activities.
Proposed method for selecting facilitators/trainers Including at least 1 spot for an open call is recommended.	• Method of selecting trainers/facilitators: The workshop will be facilitated by 2–3 trainers, with at least one selected through an open call via IFMSA SCOME channels. Applicants must be part of the IFMSA Trainers Pool. Preference will be given to those with prior TMET facilitation or ≥ 30 hours of MedEd training experience. Selection will be carried out by the Workshop Coordinators and approved by VPCB based on: ○ Motivation and commitment to support participant growth. ○ Demonstrated experience in medical education training and digital facilitation. ○ Quality of trainer portfolio and proposed follow-up plan. ○ Availability for preparation, delivery, and mentorship. ○ Creativity and inclusivity in design. At least one trainer must have previous TMET experience as a trainer.. • Method of selecting participants: ○ Medical students are the primary target group and IFMSA members worldwide are the secondary target group. ○ Demonstrated motivation to apply and share knowledge post-workshop ○ Previous engagement in medical education-related initiatives (local or international) ○ Clear follow-up plan or intent to implement sessions in their NMOs or faculties • Exclusion criteria for participants: ○ Incomplete applications or inability to attend all sessions.
Fundraising Plans and Budget	No additional expenditures, apart from the list of materials.

List of materials needed	• Projector • Flipchart holder • Flipchart (20 sheets) • Envelops (25) • Markers (at least 3 colors, 2 sets) • Sticky notes (3 blocks) • A4 paper (20 sheets) • Colored A4 paper (20 sheets) • Tape • Scissors
Coordinator's Contact Details Phone numbers and private Email addresses will not be shared with NMOs.	• Full Name: Juan Luis Lobato Ortega • Contact Number: (+34) 671800054 • Contact email: jllobort@gmail.com • Full Name: Omar Odeh • Contact Number: +972598689174 • Contact email: cbda.scome@ifmsa.org • Full Name: Rodoula Theoti • Contact Number: +35797664589 • Contact email: scomed@ifmsa.org
Preliminary Agenda Sessions Topics, distribution and duration	Find the agenda here
Comments Anything to add?	

DISCLAIMER:

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Final Template



The following is to be filled by the approved trainers before having the final SRT proposal approved (trainers are to be approved 3 weeks before the workshop and they have one week to work on the following, in order to get the final workshop approval maximum before the workshop by 2 two weeks)

Final Agenda	If you have any amendments to the agenda, otherwise leave this part empty.
Workshop theme State the Theme of the workshop and describe its inclusion in the agenda	For example, if your workshop is themed Hogwarts School of Witchcraft and Wizardry. Are you planning to divide the participants in the various houses? Will there be a reflection exercise that resonates with the movie? Are you planning to include clips from the movie in the training?
Methodology Describe What new methodologies and/or new sessions are you planning to use for session delivery	Please be as descriptive as possible. For instance, you might be planning to include a scavenger hunt/train trip where the trainees will have to solve codes to know where the trainers are, then every trainer is a station that lasts for 15 mins where they explain objectives that you found necessary to deliver but couldn't allocate time for in the agenda. If it's a new session, could you please attach the session outline template. Kindly note that this is an optional question, only to be filled when you have a plan to incorporate new methods/sessions.
Follow Up Plan How can you ensure the knowledge will be used afterwards	This should be a detailed explanation of how the trainers will work with the trainees for 6 months post - training, Including the materials that you will share with them (not the workshop materials), their graduation sessions, monitoring their growth and application to the trainers pool (if the workshop is TNT).

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