ROMANIAN SOCIETY OF MEDICAL INFORMATICS

Annual Report 2025 ↗

Reporting Period
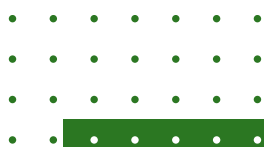**January - December 2025**

🌐 srimed.ro   ✉ info@srimed.ro

ROMANIAN SOCIETY OF MEDICAL INFORMATICS

OVERVIEW

SORANA D. BOLBOACĂ
PRESIDENT

The Romanian Society of Medical Informatics (SRIM) is a professional, scientific, and academic organization dedicated to advancing medical informatics and digital health in Romania, while actively contributing to the European and international informatics community.

Through education, research, standardization, and policy engagement, SRIM supports the responsible and innovative use of digital technologies to improve healthcare systems and patient outcomes.

In 2025, SRIM strengthened its national and international role through active participation in

Through partnerships with EFMI, IMIA, WHO-related initiatives, and ROHEALTH, SRIM assumed leadership roles and contributed to major scientific events, supporting international collaboration in digital health and health data governance.

Strategic projects, partnerships, and educational initiatives addressed key areas such as artificial intelligence in healthcare, interoperability standards, cybersecurity, and digital health.

Through sustained community engagement and international collaboration, SRIM reaffirmed its commitment to scientific excellence and societal impact, supporting Romania's digital health transformation and contributing to the global medical informatics community.

OVERVIEW
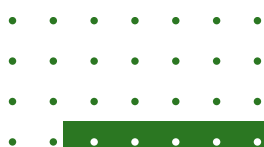
ROMANIAN SOCIETY OF MEDICAL INFORMATICS

SCIENTIFIC AND PROFESSIONAL CONFERENCES

Organize symposia, conferences, courses, and exhibitions, and collaborate in similar activities with partner organisations.

NETWORKING AND PARTNERSHIPS

Promote scientific and professional contacts at the national and international level.

PROMOTION OF RESEARCH

Conduct and participate in research on topics related to medical informatics, digital health, digital technologies etc.

## TRAINING AND PROFESSIONAL DEVELOPMENT

Provide training on topics such as digital literacy, digital health(care) literacy, scientific literacy, security challenges in healthcare, artificial intelligence in healthcare etc.

EXPERTISE AND EXPERIENCE

Provide expertise in healthcare informatics, medical data management and analysis, digital health, digital technology etc.

JOURNEY 2025
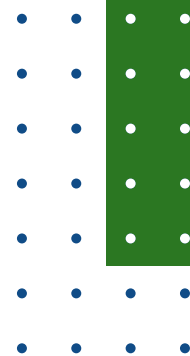
INTERNATIONAL REPRESENTATION

01. EFMI
02. IMIA
03. WHO
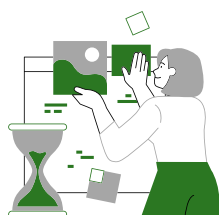
NATIONAL REPRESENTATION

01. ROHEALTH
02. ASRO

SCIENTIFIC & EDUCATIONAL ACTIVITIES

01. Conferences & Scientific Events
02. Education & Capacity Building
03. Standardization & Policy Contribution

RESEARCH & INNOVATION PROJECTS

01. Ongoing & Completed Projects
02. Scientific Output

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02. Institutional & Industry Collaboration

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01. Web Presence and Public Platform
02. Membership Management and Community Platform
03. Scientific Submission and Peer Review Systems
04. Internal Digital Tools and Operations
05. E-Learning Platforms
06. Social Media and Digital Community Engagement

EXECUTIVE BOARD

International representation

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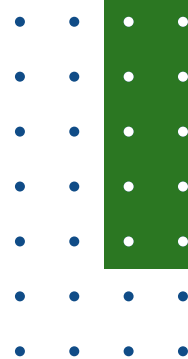
01. EFMI

EFMI Council Meeting – May 2025, Glasgow, United Kingdom

During the EFMI Council Meeting held in May 2025 in Glasgow, SRIM representatives played an active and visible role in strategic, scientific, and organizational EFMI activities.

Prof. Dr. Eng. Lăcrămioara Stoicu-Tivadar (LST) presented the proposal for a new EFMI Working Group entitled *Inclusion Health Informatics* (**IncHI**). The proposal was positively received and resulted in the establishment of the working group with the following leadership structure:

- Chair: Prof. Alfred Winter
- Co-Chair: Prof. Dr. Eng. Lăcrămioara Stoicu-Tivadar

The **IncHI** Working Group aims to address digital inclusion, equity, and vulnerable populations within health informatics. EFMI members interested in joining the IncHI WG are invited to contact Prof. Lăcrămioara Stoicu-Tivadar to be included in the official membership list.

yEFMI – Young Researchers Networking Initiative

A proposal developed within yEFMI focusing on networking activities for young researchers during EFMI Medical Informatics Europe (MIE) conferences and Special Topic Conferences (STCs) was presented and formally approved.

The initiative received EFMI support for further development and implementation.

- yEFMI Working Group Chair: Oscar Tamburis
- Co-Chair: Mihaela Crișan-Vida (MCV)

SRIM members interested in participating in yEFMI activities are encouraged to contact Mihaela Crișan-Vida or Oscar Tamburis.

International representation

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01. EFMI

Accreditation and Certification Committee (AC2)

Prof. Dr. Eng. Lăcrămioara Stoicu-Tivadar is an active member of the EFMI Accreditation and Certification Committee (AC2).

In 2025, she contributed to the revision and update of the committee bylaws, strengthening EFMI's framework for accreditation and certification in medical informatics and digital health education.

This experience represents a valuable reference model that can also be leveraged for similar initiatives within SRIM.

Scientific and Organizational Contributions of SRIM Members

- Prof. Dr. Eng. Lăcrămioara Stoicu-Tivadar
    - Chair of one scientific session
    - Participant in two workshops
    - Presenter of one scientific paper

- Dr. Mihaela Crișan-Vida
    - Chair of one scientific session
    - Participant in two workshops
    - Presenter of one scientific paper

Lăcrămioara Stoicu-Tivadar
EFMI Representative

Mihaela Crișan-Vida
General Secretary

# International representation ↗

01. EFMI

EFMI Honorary Fellow Recognition

In recognition of her sustained and outstanding contributions to the field of digital health and medical informatics, **Prof. Dr. Eng. Lăcrămioara Stoicu-Tivadar** was unanimously elected as EFMI Honorary Fellow.

This distinction represents a significant achievement for **Prof. Dr. Eng. Lăcrămioara Stoicu-Tivadar** and the Romanian Society of Medical Informatics.

International representation

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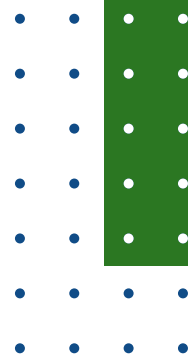
01. EFMI

EFMI Council Meeting – 19 October 2025, Osnabrück, Germany

At the EFMI Council Meeting held in Osnabrück in October 2025, SRIM continued to contribute at a strategic and leadership level.

Prof. Dr. Gheorghe Mihalaș, Chair of the EFMI Working Group *Evolution and Trends in Medical Informatics* (**ETMI**), was appointed as a member of the **EFMI Time Capsule Project Coordination Board**.

The initiative was launched by EFMI President Lars Lindskold and includes:

Gheorghe Mihalaș
IMIA Representative

- Petter Hurlen (EFMI Secretary)
- John Mantas
- Mauro Giacomini

The **EFMI Time Capsule** will be sealed in May 2026 in Genova, during the Medical Informatics Europe (MIE 2026) conference, as part of the celebrations marking 50 years of EFMI (founded in Copenhagen, 1976). The capsule will include contributions from all EFMI member societies, including SRIM.
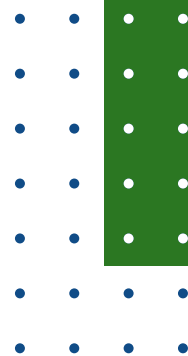
International representation
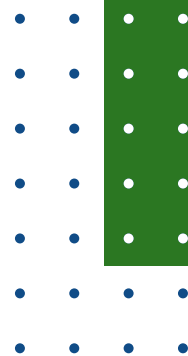
01. EFMI

Participation of SRIM Members at EFMI STC 2025 – Osnabrück

- Prof. Dr. Gheorghe Mihalaș
  - Chair of one panel
  - Presenter of one scientific paper

- Dr. Mihaela Crișan-Vida
  - Speaker in one panel
  - Active member of the yEFMI LEAD Project

Through leadership roles, scientific contributions, working group initiatives, and participation in EFMI governance projects, SRIM continues to strengthen its visibility and influence within the European medical informatics community, while actively contributing to EFMI's strategic, educational, and historical initiatives.

International representation

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02. IMIA

Strategic Representation within IMIA

In 2025, SRIM actively contributed to strengthening collaboration within the IMIA ecosystem, including cooperation with the **International Academy of Health Sciences Informatics** (IAHSI) and the **Asia-Pacific Association for Medical Informatics** (APAMI).

SRIM representatives participated in strategic discussions and international panels, supporting cross-regional dialogue and knowledge exchange in medical informatics. A thematic panel was chaired by Prof. Dr. Eng. Lăcrămioara Stoicu-Tivadar, addressing key topics in digital health and international collaboration.

Gheorghe Mihalaș
IMIA Representative

International Medical
Informatics Association

MEDINFO 2025 Scientific Contribution

SRIM members contributed to the scientific program of MEDINFO 2025, the flagship global conference of IMIA, through:

- Presentation of peer-reviewed scientific papers
- Active participation in thematic panels addressing digital health and medical informatics
- Engagement with international research and policy-oriented discussions

Prof. Dr. Gheorghe Mihalaș led a work at MEDINFO 2025 and participated in panels organized in collaboration with the International Academy of Health Sciences Informatics (IAHSI), reinforcing the scientific visibility of SRIM at a global level.

International representation

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03. WHO

World Health Organization Recognition

In recognition of its sustained collaboration with the World Health Organization (WHO), the Romanian Society of Medical Informatics (SRIM) was awarded a Diploma of Appreciation by the WHO Country Office in Romania for its contribution during the 2022–2025 period.

The distinction acknowledges SRIM's determinant role in supporting WHO efforts to strengthen public health in Romania, highlighting the Society's strategic vision, institutional responsibility, and collaborative spirit.

This recognition reflects SRIM's long-term commitment to evidence-based digital health, public health innovation, and effective cooperation with national and international stakeholders.

DIPLOMĂ

DE RECUNOȘTINȚĂ

Se acordă cu apreciere

Societății Române de Informatică Medicală

pentru rolul determinant în susținerea eforturilor Organizației Mondiale a Sănătății de consolidare a sănătății publice în România.
Viziunea strategică, responsabilitatea asumată și spiritul de cooperare au fost fundamentale pentru implementarea unor intervenții durabile și pentru apărarea dreptului la sănătate al fiecărui cetățean.

World Health Organization
Romania

Dr. Caroline Clarinval
Reprezentant al OMS
in România

National representation

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01. ROHEALTH

BEHEALTH 2025 – International Hybrid Event in Healthcare

In October 2025, the Romanian Society of Medical Informatics (SRIM) participated as a national partner in **BEHEALTH 2025** – International Hybrid Event in Healthcare, organized under the umbrella of the ROHEALTH – Health & Bioeconomy Cluster.

Through expert contributions, panel participation, and moderation roles, SRIM supported national dialogue on digital health, artificial intelligence, data sharing, and the European Health Data Space (EHDS), contributing to the consolidation of Romania's health innovation ecosystem.

[YOUTUBE LINK](youtube)

[YOUTUBE LINK](youtube)

[YOUTUBE LINK](youtube)

[YOUTUBE LINK](youtube)

![RSMI - ROMANIAN SOCIETY OF MEDICAL INFORMATICS logo]

National representation ↗

01. ROHEALTH
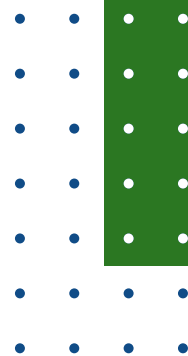
BEHEALTH 2025 – International Hybrid Event in Healthcare

This collaboration reflects SRIM's active engagement with national clusters and stakeholders in promoting innovation, research, and evidence-based digital health development in Romania (https://www.b2match.com/e/behealth-2025).

Sorana D. Bolboacă
President

Călin Muntean
Vice President

Ariana Anamaria Cordoș
Vice President

National representation

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02. ASRO

National Standardization Activities

In 2025, the Romanian Society of Medical Informatics (SRIM) continued its active involvement in national health informatics standardization through leadership within the ASRO Technical Committee CT 319 – Medical Informatics.

Dr. Călin Muntean, Vice President of SRIM, served as President of ASRO/CT 319, contributing to the review, voting, and maintenance of key international and European standards in medical informatics, interoperability, health data security, medical devices, and pharmaceutical information.

SRIM's contribution supported Romania's alignment with European digital health priorities, including interoperability frameworks, patient data security, and the technical foundations of the European Health Data Space (EHDS). Activities included standard revisions, administrative decisions, translations of standards into Romanian, and the engagement of new academic experts in the national standardization process.

Călin Muntean
Vice President

asro
ORGANISMUL NAȚIONAL
DE STANDARDIZARE

Through its role in ASRO, SRIM reinforces its position as a national reference body for medical informatics, supporting evidence-based policy, safe digital health implementation, and harmonization with international standards.

Recruitment of new experts from academia: Universitatea de Vest din Timișoara   UPT Universitatea Politehnica Timișoara

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Scientific & Educational Activities ↗

01. Conferences & Scientific Events

38th RoMedINF Conference

In May 2025, the Romanian Society of Medical Informatics (SRIM) organized the 38th RoMedINF Conference, held in hybrid format in Craiova and online. The conference addressed key challenges and opportunities in digital healthcare under the theme "*Going Digital in Healthcare: Benefits & Challenges*".

The event brought together invited speakers, active participants, and healthcare professionals, fostering interdisciplinary dialogue on medical informatics and digital health.

The conference was officially credited with **18 CME** points by the **Romanian College of Physicians**, marking a first for RoMedINF and reinforcing its educational impact.

- 8 invited speakers
- 81 active participants
- 173 attendees | 52 physicians
- 7 awards

Vol. 47 No. Suppl. 1 (2025): RoMedINF

Published: 11.05.2025

Scientific contributions were published in the RoMedINF Abstract Book (Applied Medical Informatics, Vol. 47, Supplement 1, 2025), and outstanding contributions were recognized through multiple awards, further supporting excellence in research and professional development.

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Scientific & Educational Activities ↗

01. Conferences & Scientific Events

National Conference SAMAS – MATERNOPEDIA 2025

Sorana D. Bolboacă
President

Continuing Medical Education Credits

Between 22 - 23 May 2025, the Romanian Society of Medical Informatics (SRIM) participated as a partner in the National SAMAS Conference – **MATERNOPEDIA 2025,** a hybrid event dedicated to maternal and child health.

YOUTUBE LINK

SRIM was represented by Prof. Dr. Sorana D. Bolboacă, who contributed as an invited speaker, highlighting the role of professional association and of medical informatics as a bridge between science, technology, and clinical practice. The event supported interdisciplinary dialogue on healthcare innovation and education, contributing to continuous medical education and professional development.

13 invited speakers

50 CMR diploma participants

Scientific & Educational Activities ↗

01. Conferences & Scientific Events

SRATI Congress 2025

During the period May 14 - 18, 2025, the Romanian Society of Medical Informatics (SRIM) was represented at the SRATI Congress 2025, held in Sinaia, Romania.

Corina Vernic
Vice President

Assoc. Prof. Ph.D. Corina Vernic, Vice President of SRIM, served as Chairperson for two scientific sessions (Nurses Oral Presentations I and III), contributing to the moderation of oral presentations and fostering interdisciplinary dialogue between medical informatics, nursing practice, and clinical care.

This participation reflects SRIM's continued engagement in national medical congresses and its commitment to integrating digital health and medical informatics perspectives into clinical and nursing education.

Scientific & Educational Activities ↗

02. Education & Capacity Building

NextING Project – Academic Evaluation Activities

During the period September–November 2025, the Romanian Society of Medical Informatics (SRIM) contributed to the NextING project, implemented by the Technical University of Cluj-Napoca.

SRIM members participated in the evaluation of student graduation projects, contributing to the assessment of 27 applications. The evaluation process supported excellence, innovation, and socio-economic relevance in engineering and digital health-related fields.

Ariana Anamaria Cordoș
Vice President

SRIM was represented at the awarding exhibition by Ariana Anamaria Cordoș, Vice President of SRIM, reflecting the Society's commitment to academic quality assurance, mentoring, and support for early-career professionals.

Scientific & Educational Activities ↗

03. Standardization & Policy Contribution

10th Balkan Conference on Standardization

During September 22–23, 2025, the Romanian Society of Medical Informatics (SRIM) participated as an invited contributor in the 10th Balkan Conference on Standardization – "**Research & Education Trigger NextGen Standardization**", held in Timișoara.

Dr. Călin Muntean, Vice President of SRIM and President of ASRO/CT 319 – Medical Informatics, was invited.

Călin contributed as a speaker in the panel "**Education on Standardization: Initiatives & Best Practices**". His intervention addressed the strategic role of education on standardization and the integration of health informatics standards into academic curricula at national and European levels.

[YOUTUBE LINK](#)

Scientific & Educational Activities ↗

03. Standardization & Policy Contribution

CEN/TC 251 Health Informatics - Plenary Meeting

During the period June 18–19, 2025, the Romanian Society of Medical Informatics (SRIM) was represented at the 93rd Plenary Meeting of CEN/TC 251 – Health Informatics, held in Tampere, Finland.

SRIM was represented by Dr. Călin Muntean, Vice President of SRIM, who participated in discussions and decision-making processes related to European health informatics standardization.

This participation supported Romania's alignment with European standards in interoperability, health data governance, and digital health, in close coordination with ASRO, the national standardization body.

Călin Muntean
Vice President
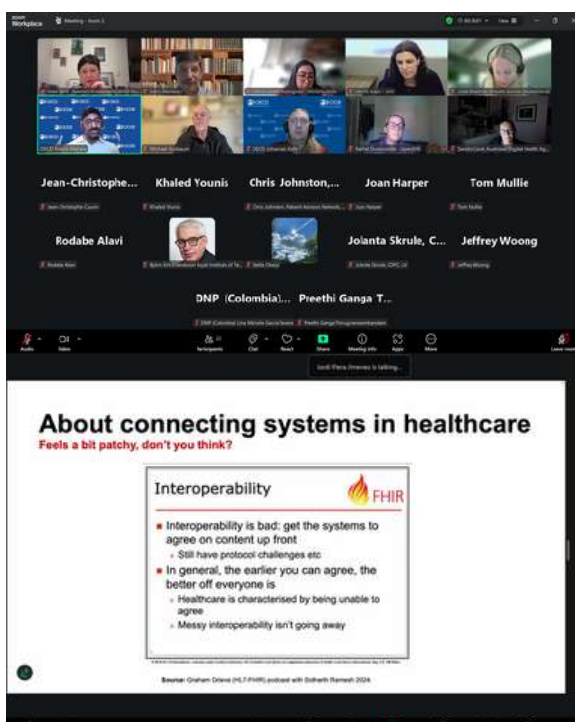
Scientific & Educational Activities ↗

03. Standardization & Policy Contribution

OECD Working Group on Interoperability in Healthcare

In 23 September 2025, the Romanian Society of Medical Informatics (SRIM) participated in the OECD Working Group "**Interoperability in Healthcare: Solving the Puzzle Together**", activity held online.

SRIM was represented by Vice President Dr. Călin Muntean who contributed to discussions on interoperability frameworks, the interoperability tower model, and health data governance policies. The event brought together international experts to explore practical and policy-oriented approaches to improving interoperability across healthcare systems.

Călin Muntean
Vice President

Research & Innovation Projects ↗

01. Ongoing & Completed Projects

ALSATION Study – Health Literacy Research on Instrument Translation

During 2024 - 2025, the Romanian Society of Medical Informatics (SRIM) contributed to the ALSATION Study, focusing on the Romanian translation and validation of three M-POHL health literacy instruments addressing digital health literacy, health information navigation, and communication with healthcare professionals.

Sorana D. Bolboacă
President

The study included the translation and cultural adaptation of:

- Digital Health Literacy (HLS19-DIGI)
- Health Literacy for Internet Browsing (HLS19-NAV)
- Health Literacy in Communication with Healthcare Providers (HLS19-COM)

Ariana Anamaria Cordoș
Vice President

SRIM coordinated the scientific contribution in collaboration with the "Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca, with ethical approval obtained from the university ethics committee. The instruments were applied in academic research, including a master's degree thesis, and contributed to empirical assessment of health literacy in the general population.

UMF
UNIVERSITATEA DE
MEDICINĂ ȘI FARMACIE
IULIU HAȚIEGANU
CLUJ-NAPOCA

RSMI
ROMANIAN SOCIETY OF
MEDICAL INFORMATICS

COMISIA DE ETICĂ
U.M.F IULIU HATIEGANU CLUJ NAPOCA
Str. Victor Babeș Nr. 8
Tel:0264-597256

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Research & Innovation Projects ↗

01. Ongoing & Completed Projects

ALSATION Study – Health Literacy Research and Instrument Translation

Zenodo

The validated Romanian versions were published in Zenodo (December 2025), ensuring open access, reproducibility, and international visibility of the research outputs.

The ALSATION Study supports evidence-based digital health policy, education, and research, reinforcing SRIM's role in advancing health literacy and population-level digital health assessment.

Citation

Cordoș, A. A., Ștefăniga, S. A., Pavlenko, S., Gheban-Roșca, I. A., Stupinean, C. V., Ungurean, D., Gheorghiu, I., Pîrvu, A., Pitel, E., Muntean, C., Nădășan, V., Iancu, M., Crișan-Vida, M., Capraș, R. D., & Bolboacă, S. D. (2025). HLS19-COM-D_RO: The Romanian Version of the HLS19-COM-D Instrument for Measuring Health Literacy Relating to Communication with Physicians in Health Care Services in the General Population. Zenodo.
https://doi.org/10.5281/zenodo.18063742

Citation

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https://doi.org/10.5281/zenodo.18062305

Citation

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https://doi.org/10.5281/zenodo.18063654

Research & Innovation Projects ↗

01. Ongoing & Completed Projects

WHO Strategic Partners' Initiative for Data and Digital Health (SPI-DDH)

The Strategic Partners' Initiative for Data and Digital Health (SPI-DDH) is a WHO/Europe–led collaboration network bringing together the 53 Member States of the WHO European Region and key partners in data and digital health (with SRIM as a partner). The initiative supports the digital transformation of health systems, promoting safe, affordable, equitable, and person-centred digital health solutions for patients and health-care professionals.

SPI-DDH provides a collaborative platform for knowledge exchange, policy dialogue, and scenario development, addressing digital health uptake, interoperability, data use, and workforce support. The initiative involves over 100 representatives from governments, intergovernmental and nongovernmental organizations, WHO collaborating centres, academia, and the private sector, and is aligned with the WHO European Digital Health Action Plan 2023–2030 and the WHO Global Strategy on Digital Health 2020–2025.

Călin Muntean
Vice President

World Health Organization

HOME   WORKING GROUPS   ABOUT   🔍

Strategic Partners'
Initiative for
Data and
Digital Health

Standards & Interoperability

As health care systems become more digitalized, they deploy an increasingly wide range of digital solutions operating across multiple health and care providers; they also increasingly work across organizational and national borders and engage more actively with patients and informal carers.

Ensuring patient safety in this evolution creates increasingly complex demands for the interoperability of digital health solutions and the data they use, both to provide care (primary use of data) and in the reuse of data collected for care provision in policy-making and research (secondary use).

Nongovernmental, governmental and industry bodies have developed a wealth of technical, semantic, organizational and legal standards, but their use is not always optimal. The working group's output is a **health interoperability governance compass** for policy makers.

This compass:

- Explains how to embed interoperability across the **legal, organizational, semantic and technical** layers of health and care delivery.
- Follows the full lifecycle of digital solution adoption - from pre-procurement and procurement through testing, implementation and ongoing monitoring
- Highlights the roles of national and regional authorities, local organizations, suppliers, professionals and citizens.
- Argues the need for developing an interoperability culture: incentives, governance and behaviours that keep systems connected over time, not just at go-live.

1 Call for partners
Ariana Anamaria
Cordoș

2 Submit the application
(31 October 2023)
Sorana D. Bolboacă

3 RSMI participant
Călin Muntean

Research & Innovation Projects ↗

01. Ongoing & Completed Projects

WHO Partners - Digital Maturity of Public Hospitals in Romania

SRIM members were part of the team that assessed the digital maturity of public hospitals in Romania. Through expert contributions, they supported the evaluation of digital capabilities, interoperability readiness, and data governance, contributing to evidence-based insights for national digital health planning and system improvement.

Romanian Ministry of Health

World Health Organization Office for Romania

Healthcare Information and Management Systems Society

Research & Innovation Projects ↗

01. Ongoing & Completed Projects

Collaborative Platform for NGOs – Capacity-Building Program

Starting in October 2024 and continuing throughout 2025, the Romanian Society of Medical Informatics (SRIM) has been involved in the Collaborative Platform for NGOs, an ongoing program providing free training opportunities for SRIM members.

The program was introduced within SRIM by Vice President Ariana Anamaria Cordoș and is implemented under the PPP-ONG framework, with co-financing from the European Union. The initiative focuses on strengthening organizational capacity and developing skills relevant to the evolving digital and green labor market.

Ariana Anamaria Cordoș
Vice President
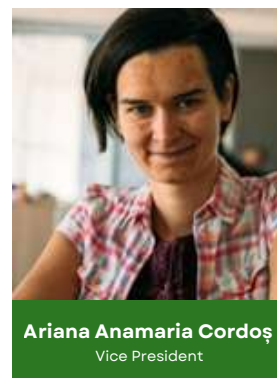
SRIM members participated in authorized training and professional courses, accredited by the Ministry of Labor and the Ministry of Education, covering areas such as trainer certification, digital competencies, and vocational guidance counseling. These activities support continuous professional development and contribute to the long-term sustainability and effectiveness of the SRIM community.

Course authorized by the Ministry of Labor and the Ministry of Education

Collaborative Platform for NGOs

PORTALUL
DE FORMARE ȘI SINERGIE DIGITALĂ

Cofinanțat de
Uniunea Europeană

PPP
ONG

Trainer (code 242401) - SRIM participants Călin, Sergiu, Sorana

Digital Competences - SRIM participants: Andreea, Sorana

Vocational Guidance Counselor (code 242315) - SRIM participants: Ariana, Sonia, Sorana

Research & Innovation Projects ↗

01. Ongoing & Completed Projects

NoBoCap – Notified Body Increased Capacity Program

During 2024–2025, the Romanian Society of Medical Informatics (SRIM) supported the participation of its members in the NoBoCap – Notified Body Increased Capacity program, an initiative coordinated by ROHEALTH – The Health and Bioeconomy Cluster.

The program provided free postgraduate training opportunities for SRIM members, with a focus on Medical Device Regulation (MDR). Through specialized courses such as Medical Device (MDR) Postgraduate Training, SRIM members enhanced their understanding of European regulatory frameworks, conformity assessment processes, and compliance requirements for medical devices.

This involvement contributes to strengthening national expertise in medical device regulation and supports SRIM's commitment to capacity building at the intersection of medical informatics, digital health, and regulatory science.

Medical Device (MDR) Postgraduate Training

Are you ready to take your understanding of Medical Device Regulation (MDR) to new heights?

NoBoCap / Mar 25, 2024

Generating Data for Technical Documentation (IVDR)

The NoBoCap short course on

Performance evaluation of AI-based MDSW

Research & Innovation Projects ↗

02. Scientific Output

Special Issue: Digital Health Technologies in Oncology – Cancers Journal

In 2025, the Romanian Society of Medical Informatics (SRIM) contributed to the Special Issue "Digital Health Technologies in Oncology" published in the journal Cancers (MDPI), an open-access journal indexed in PubMed, with an Impact Factor of 4.4.

Sorana D. Bolboacă
President

The Special Issue was coordinated with the involvement of Prof. Dr. Sorana D. Bolboacă, President of SRIM, serving as Guest Editor.

The call for papers closed on October 10, 2025, resulting in the publication of eight peer-reviewed articles, two of which included SRIM-affiliated authors.

The Special Issue addressed advanced topics in precision oncology, including digital twins, artificial intelligence, and medical imaging, contributing to international scientific discourse at the intersection of medical informatics and oncology.

29. Dec
Sum: 5320
Daily views: 0

Open Access | Review   27 pages, 1560 KB

Advancing Precision Oncology with Digital and Virtual Twins: A Scoping Review

by Sebastian Aurelian Ştefăniga, Ariana Anamaria Cordoş, Todor Ivascu, Catalin Vladut Ionut Feier, Călin Muntean, Ciprian Viorel Stupinean, Tudor Călinici, Maria Aluaş and Sorana D. Bolboacă

Cancers 2024, 16(22), 3817; https://doi.org/10.3390/cancers16223817 - 13 Nov 2024

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Abstract Digital twins (DTHs) and virtual twins (VTHs) in healthcare represent emerging technologies towards precision medicine, providing opportunities for patient-centric healthcare. Our scoping review aimed to map the current DTH and VTH technologies in oncology, summarize their technical solutions, and assess their credibility. A [...] Read more.
(This article belongs to the Special Issue Digital Health Technologies in Oncology)

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Transfer Learning-Based Integration of Dual Imaging Modalities for Enhanced Classification Accuracy in Confocal Laser Endomicroscopy of Lung Cancer

by Mircea-Sebastian Şerbănescu, Liliana Streba, Alin Dragoş Demetrian, Andreea-Georgiana Gheorghe, Mădălin Mămuleanu, Daniel-Nicolae Pirici and Costin-Teodor Streba

Cancers 2025, 17(4), 611; https://doi.org/10.3390/cancers17040611 - 11 Feb 2025

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Abstract Background/Objectives: Lung cancer remains the leading cause of cancer-related mortality, underscoring the need for improved diagnostic methods. This study seeks to enhance the classification accuracy of confocal laser endomicroscopy (pCLE) images for lung cancer by applying a dual transfer learning (TL) approach that [...] Read more.
(This article belongs to the Special Issue Digital Health Technologies in Oncology)

Research & Innovation Projects ↗

02. Scientific Output

Special Issue: Digital Health Technologies in Oncology – Cancers Journal

Special Issue

Digital Health Technologies in Oncology

Message from the Guest Editor

Digital health technologies have started to play a fundamental role in healthcare by enhancing patient diagnosis and (remote) monitoring, streamlining processes, enabling precision medicine with data analytics, and improving healthcare access through telemedicine. As the healthcare landscape evolves, digital innovations are transforming cancer care, from early detection to precision treatment, monitoring and patient support. We invite researchers, clinicians, and technologists to share their insights, studies, and innovations in digital health technologies applied in cancer management. Topics of interest include but are not limited to AI-driven diagnostics, telemedicine, wearable devices, and data analytics. Do not miss this opportunity to contribute to the advancement of cancer care through digital health technologies. Submit your cutting-edge research today and shape the future of oncology.

Guest Editor

Prof. Dr. Sorana D. Bolboacă
Department of Medical Informatics and Biostatistics, "Iuliu Hațieganu" University of Medicine and Pharmacy, Louis Pasteur Str., No. 6, 400349 Cluj-Napoca, Romania

Deadline for manuscript submissions

closed (10 October 2025)

Cancers

an Open Access Journal by MDPI

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Research & Innovation Projects ↗

02. Scientific Output

Special Issue: Digital Health Technologies in Oncology – 2nd Edition (Cancers)

In 2025–2026, the Romanian Society of Medical Informatics (SRIM) continued its scientific and editorial involvement in international research through the Special Issue "Digital Health Technologies in Oncology – 2nd Edition", published in the journal Cancers (MDPI), an open-access journal indexed in PubMed with an Impact Factor of 4.4.

Special Issue

Digital Health Technologies in Oncology: 2nd Edition

Message from the Guest Editor

Digital health technologies have started to play a fundamental role in healthcare by enhancing patient diagnosis and (remote) monitoring, streamlining processes, enabling precision medicine with data analytics, and improving healthcare access through telemedicine. As the healthcare landscape evolves, digital innovations are transforming cancer care, from early detection to precision treatment, monitoring and patient support. We invite researchers, clinicians, and technologists to share their insights, studies, and innovations in digital health technologies applied in cancer management. Topics of interest include, but are not limited to, AI-driven diagnostics, telemedicine, wearable devices, and data analytics. Do not miss this opportunity to contribute to the advancement of cancer care through digital health technologies. Submit your cutting-edge research today and shape the future of oncology.

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Deadline for manuscript submissions

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Research & Innovation Projects ↗

02. Scientific Output

Special Issue: Computational Perspectives on Artificial Intelligence in Medical Decision-Making (Mathematics)

In 2025, the Romanian Society of Medical Informatics (SRIM) contributed to international scientific publishing through the Special Issue "Computational Perspectives on Artificial Intelligence Drive in Medical Decision-Making", published in the journal Mathematics (MDPI), an open-access journal indexed in major international databases.

Sorana D. Bolboacă
President

Sebastian-Aurelian Ștefănigă
Vice President

Special Issue

Computational Perspectives on Artificial Intelligence Drive in Medical Decision-Making

Message from the Guest Editors
We invite authors to submit contributions on the following themes:
- AI-driven clinical decision support systems;
- Machine learning models for medical diagnosis and prognosis;
- Explainable AI (XAI) in healthcare decision-making;
- Deep learning applications in medical imaging and radiology;
- Data-driven predictive modelling for patient outcomes;
- Natural language processing in medical records and diagnostics;
- Bias, fairness, and ethics in AI-driven medical decisions;
- Federated learning and privacy-preserving AI in healthcare;
- Integration of AI with electronic health records (EHR);
- AI and patient-centred healthcare;
- AI ethical and operational challenges;
- AI-based antibiotic stewardship;
- AI healthcare management;
- Digital and virtual twins in healthcare.

The potential of AI tools for improving clinical operations, enhancing patient care, leveraging cost efficiencies, and facilitating rapid response mechanisms within the healthcare system is substantial. A non-exhaustive list of application-based areas of interest for this Special Issue includes computer science, biomedical sciences, engineering, business and economics, finance, and economic and social sciences.

Guest Editors
Prof. Dr. Sorana D. Bolboacă
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About the Journal

Message from the Editor-in-Chief
The journal Mathematics publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief
Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:
Indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:
JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

MDPI

Partnerships & Ecosystem
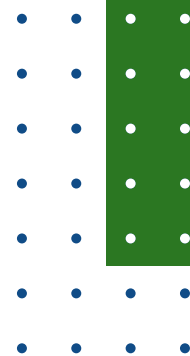
01. Strategic Partnerships

European Health Data Space & Open Science Ecosystem (ENDED)

SRIM contributed as an advisor organization to European initiatives supporting the European Health Data Space (EHDS) and open science, including participation in advisory structures bringing together academia, public sector, and NGOs. These activities supported expert exchange and alignment with European data and research policies.

European Open Science Cloud (EOSC) & Coalition on Reforming Research (ENDED)

SRIM was accepted as a member of the EOSC Future User Group, contributing to the co-design of the European Open Science Cloud. In parallel, SRIM joined the Coalition on Reforming Research (CoARA), supporting European efforts to advance responsible research assessment and open science practices.

WHO/Europe Public Health Innovation Platform

In December 2025, SRIM submitted an application to join the WHO/Europe Public Health Innovation Platform, a WHO-hosted collaborative network focused on public health innovation and system-level transformation. The application reinforces the Society's engagement with international public health and innovation ecosystems.

Partnerships & Ecosystem
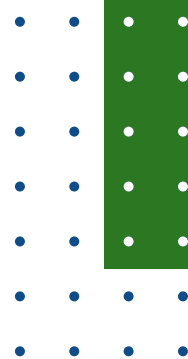
02. Institutional & Industry Collaboration

GITEX Global 2025 – Community Partnership

During the period October 13–17, 2025, the Romanian Society of Medical Informatics (SRIM) participated as a Community Partner of GITEX Global 2025, held at the Dubai World Trade Centre, one of the world's largest international events dedicated to technology, artificial intelligence, and innovation.

Through this partnership, SRIM supported international dialogue and knowledge exchange in areas such as digital health, artificial intelligence, data technologies, and innovation ecosystems, strengthening its global visibility and connections with the international tech and digital health community.

SRIM was represented within this initiative by Vice President Ariana Anamaria Cordoș, reflecting the Society's commitment to fostering global collaboration and engagement at the intersection of medical informatics and emerging technologies.

GITEX GLOBAL

SUMMIT / 7 DEC 2026
DUBAI WORLD TRADE CENTRE

EXPO / 8-11 DEC 2026
EXPO CITY DUBAI

Ariana Anamaria Cordoș
Vice President

GITEX GLOBAL | 13-17 OCT 2025
DUBAI WORLD TRADE CENTRE

THE WORLD'S LARGEST TECH, AI & STARTUP SHOW

COMMUNITY PARTNER

Digital Infrastructure & Platforms ↗

ROMANIAN SOCIETY OF MEDICAL INFORMATICS

01. Web Presence and Public Platform

Web Presence and Public Communication

In 2025, SRIM completed a full update and modernization of its official website (srimed.ro), improving structure, content clarity, and accessibility. The website serves as the Society's primary public communication channel, supporting transparency, outreach, and dissemination of scientific and organizational information.

Sebastian-Aurelian Ștefănigă
Vice President

In addition, SRIM developed the dedicated conference website romedinf.srimed.ro/2026 for the jRoMedINF 2026 Conference, providing a centralized platform for event information, calls, and participant engagement.
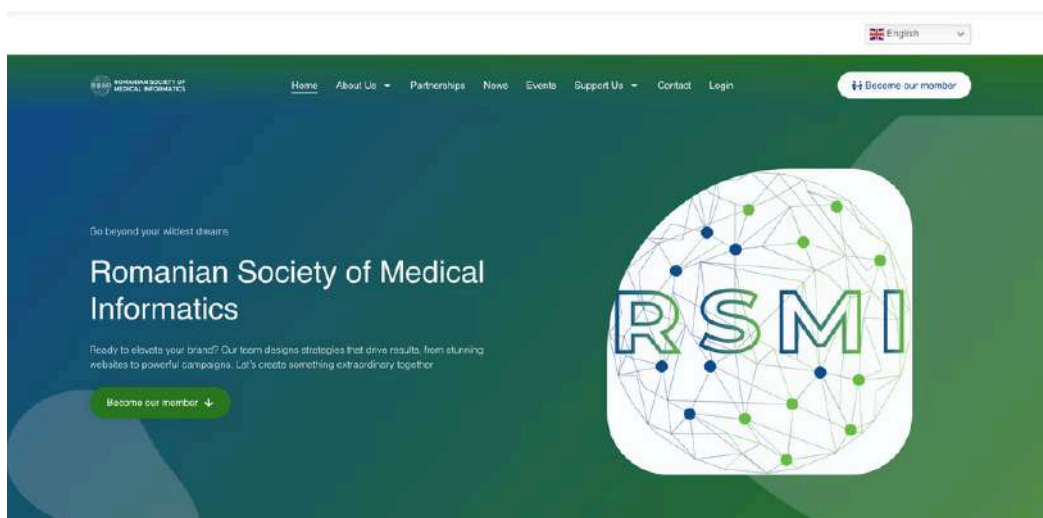
Digital Infrastructure & Platforms ↗

02. Membership Management and Community Platforms

Digital Membership and Community Management

In 2025, SRIM deployed the dedicated platform membership.srimed.ro to support structured membership management and strengthen community engagement.

The platform enables streamlined member registration and updates, improved communication with members, and better tracking of membership status and participation.

Sebastian-Aurelian Ștefănigă
Vice President

This digital solution supports the sustainable growth of the SRIM community and enhances the Society's capacity to engage its members through a centralized and secure online environment.
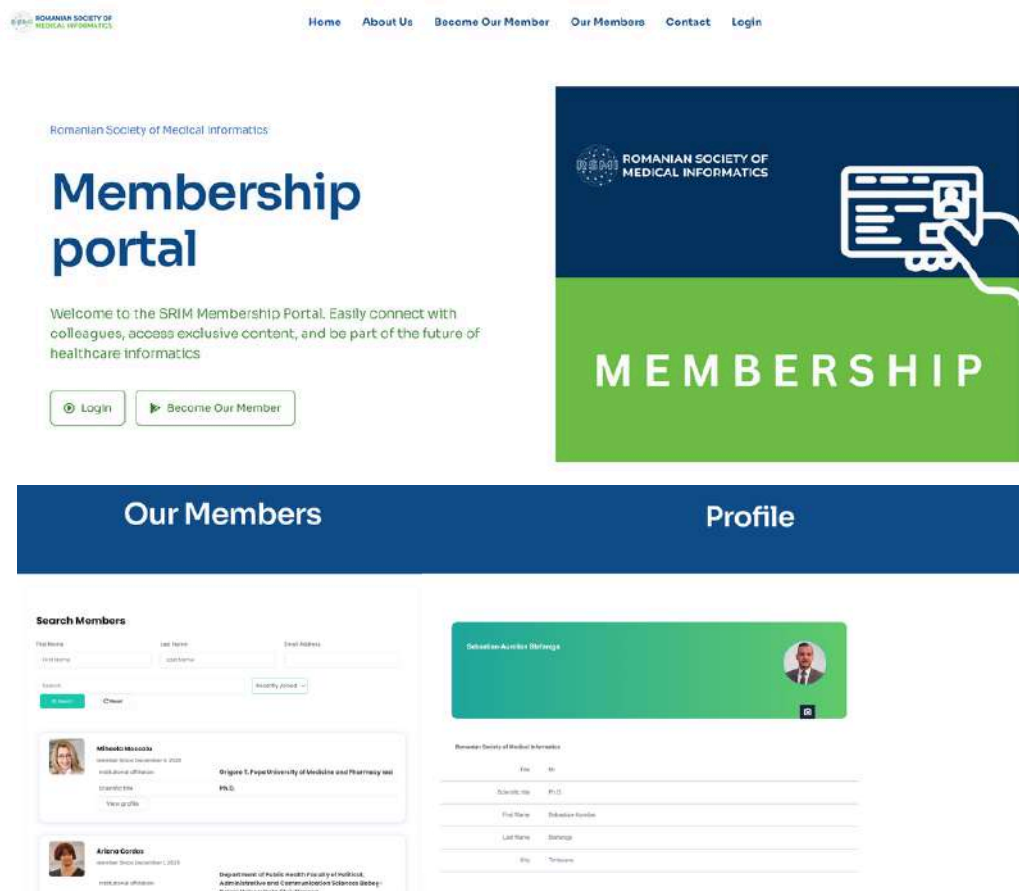
Digital Infrastructure & Platforms ↗

03. Scientific Submission and Peer Review Systems

Conference Submission and Peer Review Infrastructure

In 2025, SRIM implemented the dedicated platform review.srimed.ro, based on the HotCRP system, to support scientific paper submission and peer-review processes for SRIM conferences and academic events.

The platform enables transparent submission workflows, reviewer assignment, evaluation, and decision management, contributing to the quality, integrity, and efficiency of SRIM's scientific activities.

Sebastian-Aurelian Ștefănigă
Vice President

Digital Infrastructure & Platforms ↗

04. Internal Digital Tools and Operations

Digital Operations and Process Automation

In 2025, SRIM implemented a set of internal digital tools to improve operational efficiency and reduce administrative workload. These included Google Scripts for the automated generation of attendance certificates and the management of event-related mailing lists.

SRIM also optimized its financial and administrative processes by migrating the payment processing system from Stripe to Netopia, resulting in reduced transaction costs and improved efficiency for membership fees and event registrations. In parallel, SRIM subscribed to the TechSoup platform for NGOs, enabling access to digital tools and services at preferential conditions.

To ensure regulatory compliance and process automation, SRIM implemented electronic invoicing integrated with ANAF, migrating from fractureaza.ro to oblio.eu. The e-invoicing system is fully operational, supporting compliant, secure, and efficient financial reporting.

Sebastian-Aurelian Ștefănigă
Vice President

![Romanian Society of Medical Informatics logo] **ROMANIAN SOCIETY OF MEDICAL INFORMATICS**
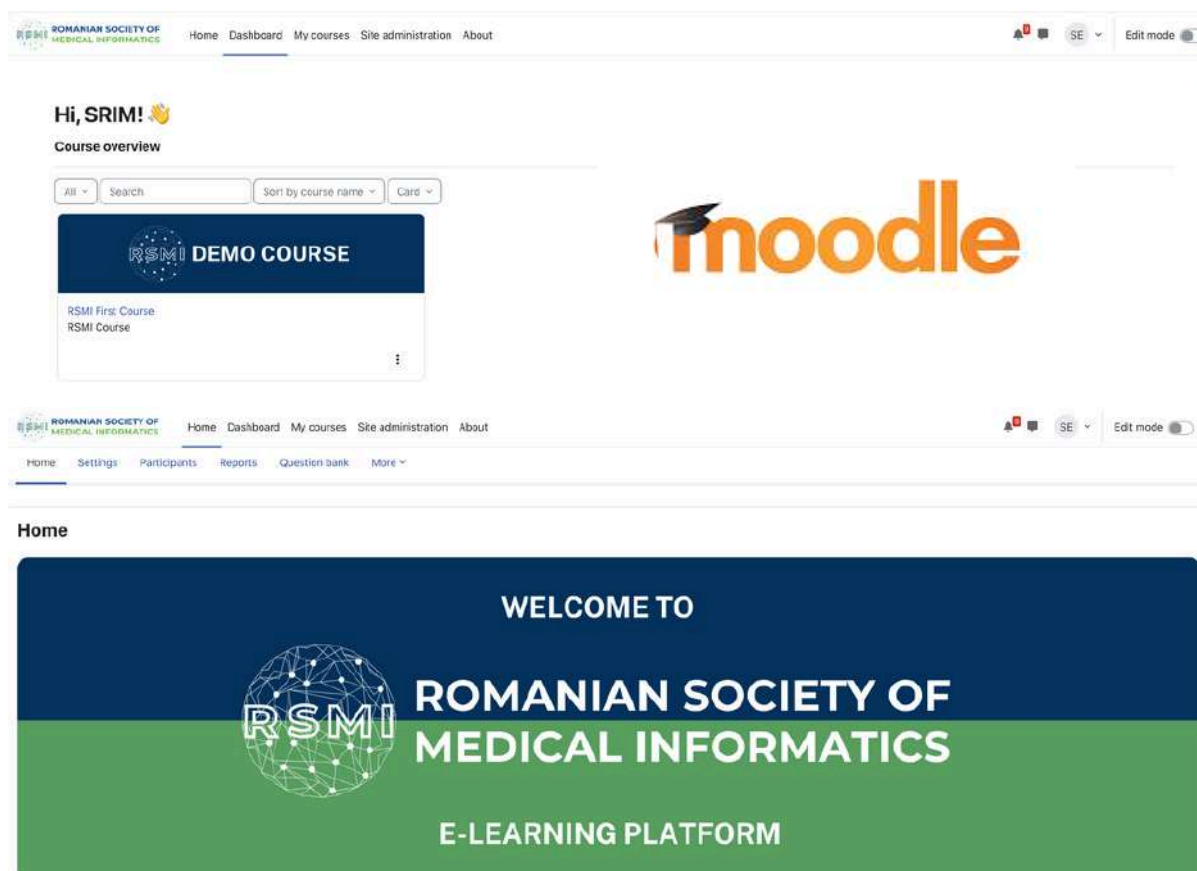
Digital Infrastructure & Platforms ↗

05. E-Learning Platforms

Digital Education and Learning Management

In 2025, SRIM deployed the e-learning platform elearning.srimed.ro, based on Moodle, to support online education, training, and capacity-building activities.

Sebastian-Aurelian Ștefănigă
Vice President

The platform enables structured course delivery, learning materials management, and participant tracking, supporting SRIM's educational mission in medical informatics and digital health through flexible and scalable digital learning formats.

Digital Infrastructure & Platforms ↗

06. Social Media and Digital Community Engagement

Online Communication and Community Interaction

In 2025, SRIM strengthened its digital communication and community engagement through active presence on social media platforms, including Facebook, LinkedIn, and WhatsApp.
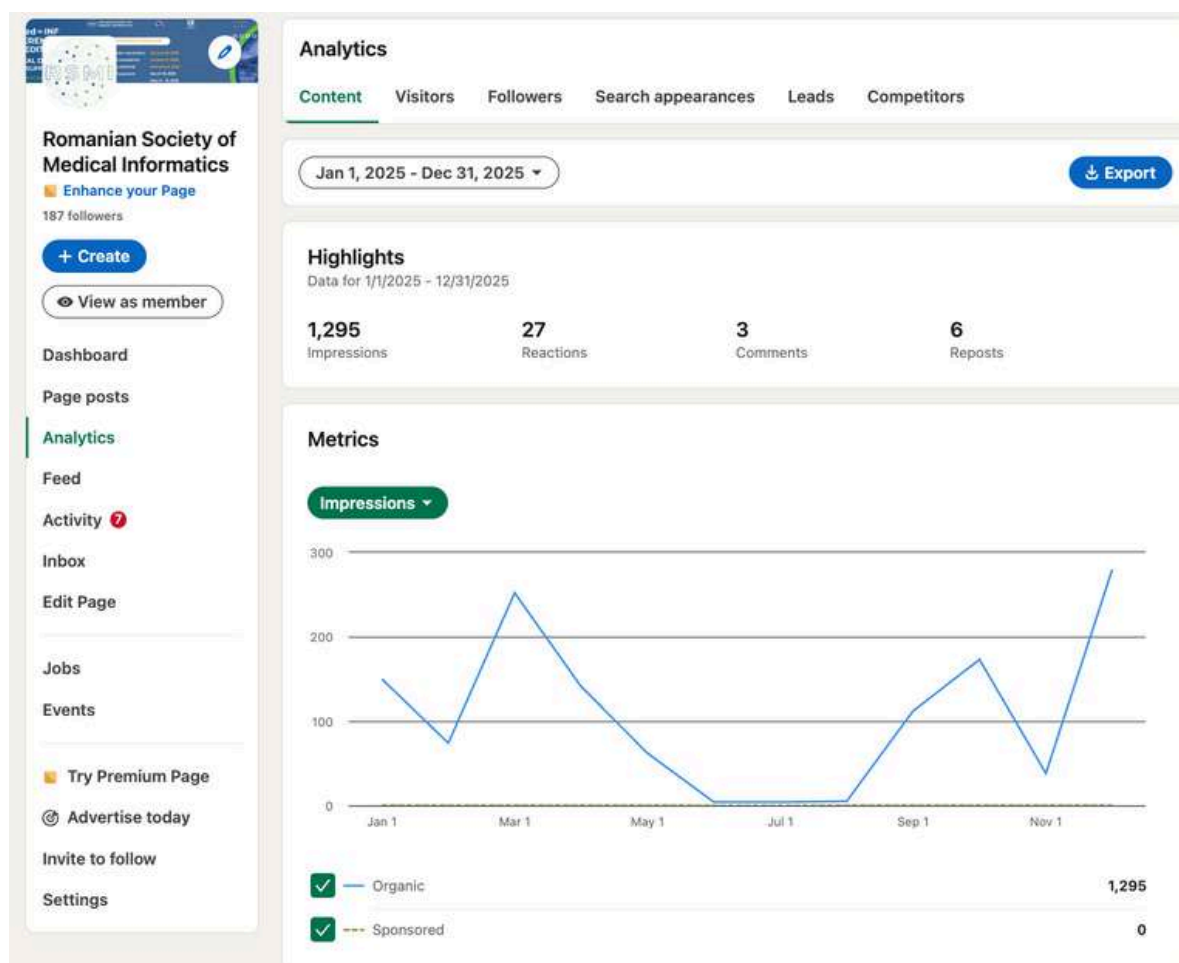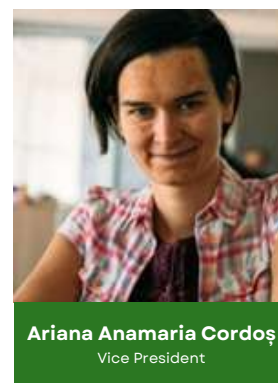
Ariana Anamaria Cordoș
Vice President

Digital Infrastructure & Platforms ↗

06. Social Media and Digital Community Engagement

Online Communication and Community Interaction

SRIM maintained and developed its official Facebook pages for the Society and the RoMedINF conference, expanded its professional outreach via LinkedIn, and supported informal community interaction through a dedicated SRIM WhatsApp group, fostering timely communication, visibility, and member engagement.

Ariana Anamaria Cordoș
Vice President
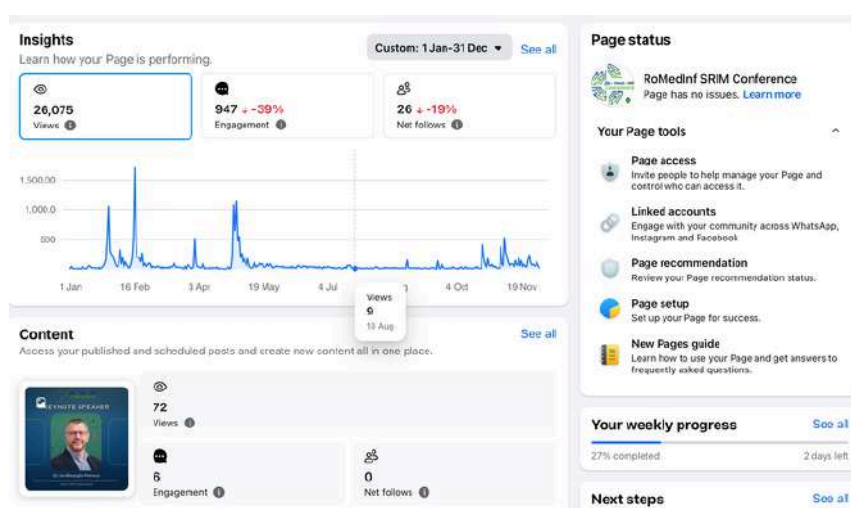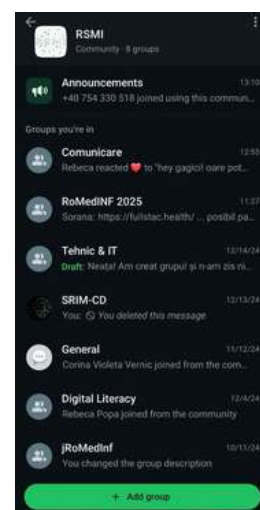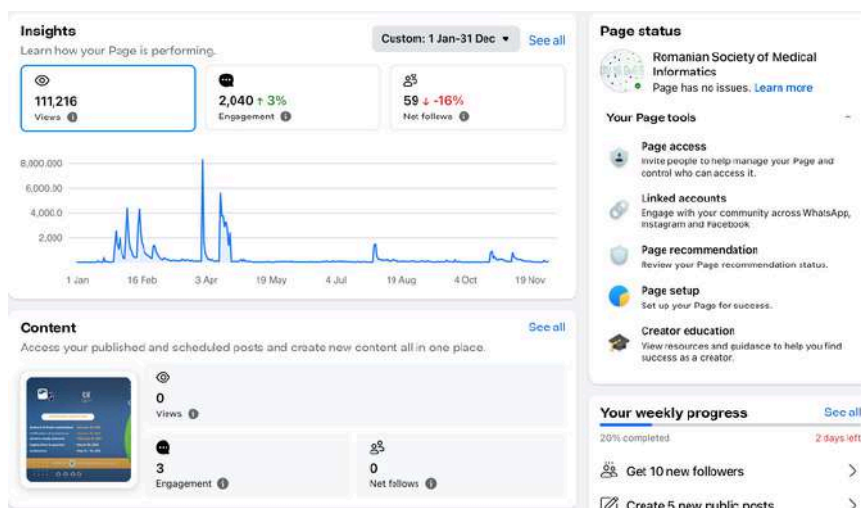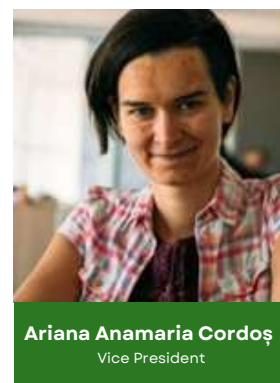
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Treasurer

ROMANIAN SOCIETY OF MEDICAL INFORMATICS

Thank You! ↗

Thank you for your interest and support. We appreciate your engagement and commitment to our community.

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