

**23rd International Conference on Informatics,
Management, and Technology in Healthcare**

ICIMTH 2025

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***Global Healthcare Transformation in the Era of
Artificial Intelligence and Informatics***



	ICIMTH 2025	
	4 - 6 July 2025	
	DAY 1: Friday, 4 July	
08:30 - 09:30	Welcome - Registration	
	Erechthion	Aristotelis B
EEST	Session 1	Session 2
	<i>Chair: Arie Hasman</i>	<i>Chair: George Mihalas</i>
09:30 - 11:00	ID:13 Title: Remote Sensing of Urban Stream Eutrophication and Its Implications for Public Health. Authors: Stratos Kokolakis , Eleni Kokinou, Matenia Karagiannidou, Catherine Chronaki	ID:22 Title: Acceptability of Academic Large Language Model for Patients Seeking Health Information. Authors: Saif Khairat , Tianyi Niu, John Geracitano, Zhaoqiang Zhou
	ID:20 Title: Analysing the Association Between User Perceptions and Usage Patterns of Digital Personalised Care Platforms Using the UTAUT Framework: Insights from the ADLIFE Project. Authors: Omid Pournik , Teesta Mukherjee, Saadullah Farooq Abbasi, Xuefei Ding, Linxue Bai, Juan De La Torre Pardos, Angel Moro Delgado, Nerea González Hernández, Dolores Verdoy Berastegui, Rachelle Kaye, Gökce Banu Laleci Erturkmen, Mustafa Yuksel, Bunyamin Sarigul, Leila Ghalichi, Theodoros N. Arvanitis	ID:25 Title: Fuzzy Arden Syntax Connectives in Clinical Medicine. Authors: Moritz Grob , Julia Liepold, Leonhard Hauptfeld, Christian Weich, Vladik Kreinovich, Robert A. Jenders, Klaus-Peter Adlassnig
	ID:27 Title: Explainable AI for URL Threat Detection in Healthcare Cybersecurity: A Case Study Using LIME and SHAP. Authors: Dimitrios Karapiperis, Georgios Feretzakis, Dimitris Kalles, Sarandis Mitropoulos	ID:33 Title: Exploring the Potential of LLMs for Patient Safety Incident Reporting in Finland: Interview Insights and a Proof-of- Concept Study. Authors: Jusa Annevirta , Ilkka Saarenpää
	ID:32 Title: Social Determinants of Health Literacy Among Individuals at Risk for Diabetes: A Public Health Informatics Approach. Authors: Jirachaya Khumchan, Chaloepporn Namyota, Rane Wongkongdech, Souksathaphone Chanthamath, Adisorn Wongkongdech	ID:41 Title: Artificial Intelligence in Cognitive Decline Diagnosis: Evaluating Cutting-Edge Techniques and Modalities. Authors: Arash Gharehbaghi, Ankica Babic
	ID:34 Title: Successful digital transformation of healthcare requires sound education. Authors: Lucia Simona Ferraraccio , Philip Scott, Edward Conley	ID:42 Title: Recent Advances in Generative Models for Synthetic Brain MRI Image Generation. Authors: Xuefei Ding , Linxue Bai, Saadullah Farooq Abbasi, Omid Pournik, Theodoros N. Arvanitis
	ID:40 Title: A Novel and Secure 3D Colour Medical Image Encryption Technique Using 3D Hyperchaotic Map, S-box and Discrete Wavelet Transform. Authors: Saadullah Farooq Abbasi , Reehab Ahmad, Teesta Mukherjee, Xuefei Ding, Linxue Bai, Omid Pournik, Theodoros N. Arvanitis	ID:59 Title: Challenges and Risks of Using Synthetic Data for AI- driven Healthcare Applications. Authors: Eirini Karoulla , Nikolas Matragkas, Saif Ul Islam, Gregory Epiphaniou
11:00 - 11:30	Coffee Break	
EEST	Session 3	Session 4
	<i>Chair: Emmanouil Zoulas</i>	<i>Chair: Joseph Liaskos</i>
11:30 - 12:15	ID:82 Title: Optimizing Patient-AI Dialogue: Integrating Empathic Technology. Authors: George Mihalas	ID:47 Title: Automated Gene Identification in Oncology Literature: A Comparative Evaluation of Natural Language Processing Approaches. Authors: Marie Wosny , Janna Hastings
	ID:80 Title: Visualizing Data for Diabetes Management in Patient Portals. Authors: Eric Yang , Lakeidra Salazar, Usha Rijal, Yang Gong	ID:9 Title: Power Dynamics Analysis of Participatory Design in Digital Health Research: Case Study. Authors: Guido Giunti , Vasiliki Mylonopoulou, Octavio Rivera-Romero, Minna Isomursu
	ID:19 Title: Bridging Health Gaps Behind Bars: The Role of Prison Health Volunteers in TB Surveillance under Thailand's Royal 'Pan Suk' Project". Authors: Chutarut Chaiyarach, Adisorn Wongkongdech, Souksathaphone Chanthamath, Ranee Wongkongdech	ID:12 Title: Electronic Record Systems in Intensive Care Units During Covid-19: A Scoping Review. Authors: Zaid O Olanrewaju , Muhammad Faisal, Rebecca Randell
EEST	Opening Session	
12:15 - 12:45	Professor John Mantas, Conference Chair & Professor Arie Hasman, SPC Chair Opening Address: Professor John Mantas	
12:45-14:00	Welcome Reception & Lunch	

ICIMTH 2025		
4 - 6 July 2025		
DAY 1: Friday, 4 July		
EEST	Session 5	Session 6
	<i>Chair: Casimir Kulikowski</i>	<i>Chair: Parisis Gallos</i>
14:00 - 15:30	ID:46 Title: Enhancing Diagnostic Precision: Utilising a Large Language Model to Extract U Scores from Thyroid Sonography Reports. Authors: Emma Watts , Omid Pournik , Rose Allington, Xuefei Ding, Kristien Boelaert, Neil Sharma, Leila Ghalichi, Theodoros N. Arvanitis	ID:15 Title: Patients' Experiences of Confidentiality, Comprehensibility, and Respect of Teleconsultations Compared to In-person Appointments. Authors: Tarja Heponiemi , Emma Kainiemi, Lotta Virtanen, Anu-Marja Kaihlanen, Tuulikki Vehko, Anna-Mari Aalto
	ID:93 Title: Enhanced Machine Learning Approach to ADHD Classification Using Actigraphy Data. Authors: Georgios Feretzakis, Iris Zoe Boufeas, Sophia Fotakidis , Effrosyni Bazakidou, Konstantinos Kalodanis, Paraskevi Peristera, Athanasios Anastasiou	ID:26 Title: The Role of Technology Anxiety in the use of e-health Solutions in Polish Society. Authors: Mariusz Duplaga , Paulina Smola, Monika Wojcieszko
	ID:48 Title: 'AI-Driven Innovation: Transforming Healthcare Leadership and Patient Outcomes'. Authors: David Raju Manne	ID:28 Title: Involvement in Electronic Medicines Management Research: Professionals in Separate Worlds. Authors: Line Lundvoll Warth , Kari Dyb
	ID:51 Title: Indoor and Outdoor Mobility Monitoring for People Living with Dementia: Improving Their Independent Activity by Integrating Open Interface Sensors. Authors: Harish Kambampati , Damon Berry, Julie Doyle, Orla Moran, Jonathan Turner, Michael Wilson, Suzanne Smith, Dymrna O'Sullivan	ID:92 Title: Occupational Stress and Burnout with Work-Related Musculoskeletal Disorders in Emergency Medical Personnel. Authors: Chollada Thronsao , Wisit Thongkum, Wittaya Yoosook Le Ke Nghiep, Kukiat Tudpor
	ID:54 Title: ChatGPT for Dermatology Students: Studying How Input Format Affects Reliability. Authors: Adela-Vasilica Gudiu , Lacramioara Stoicu-Tivadar	ID:36 Title: Harmonizing Electronic Health Records to the OMOP Common Data Model: A Case Study on Surgical Complications. Authors: Naroa Mendez , Eduardo Alonso, Moisés David Espejo, Maite López, Maykel Alonso-Arce, Eñaut Rojo, Alba Garin-Muga
	ID:55 Title: Progressive Release of Informational Materials for People Living with Dementia and Their Informal Carers. Authors: Jonathan Turner, Siobhán O'Neill, Damon Berry, Julie Doyle, Harish Kambampati , Orla Moran, Suzanne Smith, Michael Wilson, Dymrna O'Sullivan	ID:38 Title: User-Related Factors in Health Information Technology Readiness: A Scoping Review. Authors: Myrthe Gerritsen, Jul van Nieuwkerken, Marieke Sijm-Eken
15:30 - 16:00	<i>Coffee Break</i>	
EEST	Session 7	Session 8
	<i>Chair: Ivana Ognjanović</i>	<i>Chair: Arie Hasman</i>
16:00 - 17:30	ID:56 Title: Managing FHIR Servers with Docker Containers for practical Courses in University Teaching. Authors: Johann Frej , Dominik Müller, Frank Kramer, Florian Auer	ID:60 Title: Data Analytics Applications in Population Health in Saudi Arabia: Challenges and Opportunities. Authors: Hussah Alshaikh, Hind Alghamdi , Hanan Aldosari, Abdullah Alanazi, Bakheet Aldosari
	ID:63 Title: Privacy-Preserving Opt-Out from Homomorphically Encrypted Clinical Trials. Authors: Miroslav Puskarić , Roy Gusinow, Anna Górska, Jan Hasenauer	ID:64 Title: A Novel Blockchain-Based Model for Secure Genomic Data Management. Authors: Mutiaullah Shaikh , Ali Ebrahimi, Uffe Kock Wiil
	ID:65 Title: Healthcare Data Access: A Norwegian regulatory perspective. Authors: Tonje Holm Hjertaas , Anne Britt Hansen Thuestad, Kay Ove Gabrielsen, Siri Aasnes, Arian Ranjbar	ID:66 Title: Assuring Intelligent Medical Devices: AI Assurance Cases. Authors: Anita Khadka , Gregory Epiphaniou, Carsten Maple
	ID:67 Title: Unveiling Endoscopic Procedures in MAUDE: An ETL-LLM Method. Authors: Yuheng Shi, Eric Yang , Yang Gong	ID:71 Title: 'Decolonising' the Clinical Encounter via Multi-criteria Decision Support. Authors: Jack Dowie, Mette Kjer Kaltoft, Vije Rajput
	ID:88 Title: Machine Learning Insights for Adolescent Mental Health: A Data-Driven Approach for Functional Communication, Therapy, and Education. Authors: Dafni Patsiala, Anastasia Mantesi , Magdalini Agrafioti, Fani Passia, Georgios Feretzakis, Konstantinos Bolias	ID:91 Title: Noise Monitoring Using Noise Contour Map in Automotive Part Industry in Thailand. Authors: Jariya Chalebun, Kallaya Harnpicharnchai, Wipa Chuppawa, Le Ke Nghiep, Anuwat Khotprom, Kukiat Tudpor
	ID:129 Title: The Logging Component of the European Health Data Space (EHDS) Regulation: A Technical Perspective. Authors: Syed Abrar Ahmed , Ricardo Correia Bezerra, Anderson Carmo, Henrique Martins	ID:58 Title: Advancements in Robotic-Assisted Organ Transplantation: A Review of Surgical Innovation and Patient Outcomes. Authors: Lolwa Alsharekh , Luluh Mawtan, Abdullah Alanazi, Hanan Aldosari, Bakheet Aldosari
EEST	Session 9	
	<i>Chair: Ali Jasem Buabbas</i>	
17:30 - 18:00	Workshop ID:24 Title: Investigating Students' Perceptions towards Artificial Intelligence in Medical Education. Ali Jasem Buabbas, Brouj Miskin, Amar Ali Alnaqi, Adel K. Ayed, Abrar Abdulmohsen Shehab, Shabbir Syed-Abdul, Mohy Uddin (30 min)	

ICIMTH 2025		
4 - 6 July 2025		
DAY 2: Saturday, 5 July		
	Erechthion	Aristotelis B
EEST	Session 10	Session 11
	<i>Chair: Parisi Gallos</i>	<i>Chair: Arie Hasman</i>
09:00 - 10:30	ID:85 Title: Using Large Language Models for Data Cleaning: An Evaluation of ChatGPT-4o's Performance. Authors: Nevruz İlhanlı , Esra Tokur Sonuvar, Kemal Hakan Gülkesen	ID:144 Title: Can Pandemic Preparedness Benefit from Health- Economic Modelling? The Case for Nipah Virus. Authors: Wendelin Schramm , David Buchmann, Hanni Hille
	ID:94 Title: Data Mapping Challenges in Reproducibility of Machine Learning for Acute Kidney Injury Prediction. Authors: Roghayeh (Ramisa) Gachpaz Hamed , Gaye Stephens, Mark Little, Keith Doyle, Dearbhail NiCathain, Adam Bowden, Pete Struthers, Sinead Impey, Jonathan Turner, Yiagmour Dogay, Lucy Hederman, Donal Sexton	ID:151 Title: Investigating Cardiac Patients' Reported Outcomes and Experiences within the Greek Health System: Results from the VIP Cardio Survey. Authors: Olga Siskou , Petros Galanis, Olympia Konstantakopoulou , Iliana Karagkouni, Dimitra Kousi, Kalliopi Chatzika, Dimitra Palitzika, Konstantinos Milkas, John Zarifis, Konstantinos Petsios, Ilias Kosmas, Zoe Gamalia, Jeny Darviri, John Iakovou, Panos Minogiannis, Panagiota Peleka, Angeliki Liargikvinou, Vicky Katsi, George Charalambous, Ilias Pagkozidis, Spyros Belehakis, Sotirios Tsalamandris, Aggelos Papanikolaou, Konstantinos Tsioufis, Eirini Siafi, Maria Chatzopoulou, Artemis Karava, Dimitra Sygkouna, Parisi Gallos, Helen Anagnostopoulou, Anastasios Merkouris, Aikaterini Lamprinou, Maria Kosmitou, Stefanos Papastefanatos, Dimitra Angelopoulou, George Mangioris, Konstantinos Vemmos, Daphne Kaitelidou
	ID:98 Title: Thoracic Surgeons' Attitude Towards Three Dimensional Printed Products: a Pilot Study. Authors: Sotirios Anagnostopoulos , Emmanouil Zoulias, Petros Galanis, John Mantas	ID:161 Title: Implementation of the Patient Reported Indicator Surveys (PaRIS) in Greece: A Cornerstone in systematic investigation of Patient Reported Experiences and Outcomes from Primary Health Care Services. Authors: Olga Siskou , Olympia Konstantakopoulou, Petros Galanis, Venetia Vildiridi, Vasileios Kontozamanis, Konstantinos Mathioudakis, Anastasios Tsolakidis, Eleftherios Thireos, Angeliki Karaiskou, Angeliki Bilali, Georgia Kolliopoulou, Dimitra Topka, Efsthia Alevizou, Michael Van Den Berg, Marta Ballester Santiago, Pilar Illarramendi Charovsky
	ID:103 Title: Interoperability of Health Information Systems in Low and Middle Income Countries (LMIC): Implementation of Cluster Care System. Authors: Prabath Jayathissa , Roshan Hewapathirana, Avanthi Rupasinghe	ID:127 Title: Digital Health Competencies: Core to Effective Health Sector Leadership. Authors: Sandra Gutiérrez, Viviana Torres, Maria Macarena Molina, Steffen Härtel
	ID:111 Title: Evaluation of mHealth Usage Logs for Health Provider Performance in HIV Care in Zambézia Province, Mozambique. Authors: Martin Were , José A. Tique, Simon Savai, Caroline De Schacht, Erin Graves, Sara Van ROMPAEY, Muhamad Ynusse, Carlota Lucas, Frank Cumaio, Damasceno Lopes, Gustavo Amorim, Benard Mokaya, Themis Ntasis, Eurico Jose, Isabel Torres, Alberto Nancico, William Wester	ID:90 Title: <i>AppShEEST for Monitoring Illuminance of Workplace in Cookware Manufacturing Plants in Thailand.</i> Authors: Chanida Wongsikaeo , Nitithon Srithamma , Laddawan Pornraksa , Kallaya Harnpicharnchai , Wipa Chuppawa , Le Ke Nghiep , Anuwat Khotprom , Kukiat Tudpor
	ID:113 Title: Visualizing the Intersection of Climate Change Concerns, Health, Attitudes and Demographic Factors. Authors: Johanne Irene Andreassen, Ankica Babic	ID:83 Title: <i>Evaluating Effectiveness Using the Person-Centered Data Model.</i> Authors: Katja Antikainen , Ilona Rönkkö , Taina Tarkiainen , Nina Rajainmäki ID:114 Title: <i>A Case Study on Coding with ICD-11.</i> Authors: Jürgen Stausberg , Olaf Eckert
10:30 - 11:00	Coffee break	

ICIMTH 2025		
4 - 6 July 2025		
DAY 2: Saturday, 5 July		
EEST	Session 12	Session 13
11:00 - 12:15	<i>Chair: Emmanouil Zoulias</i>	<i>Chair: Wendelin Schramm</i>
	ID:95 Title: Prevalence and Associated Factors of Work-Related Musculoskeletal Disorders Symptoms among Emergency Medical Service Personnel in Mahasarakham, Thailand: A Cross-Sectional Study. Authors: Wisit Thongkum , Kukiat Tudpor, Witaya Yoosook, N Ke Nghiep, Chollada Thronsao	Workshop ID: 165 Title: Pandemic Modelling and Societal Relevance. Wendelin Schramm, Hanni Hille, David Buchmann
	ID:97 Title: Promoting Mental Well-being in Secondary Schools in a Virtual Environment. The “wExchange” project. Authors: Evanthia Sakellari , Eleni Zoi Fenerli, Christos Prapas, Elina Santala, Joonas Korhonen, Jaana Lindgren, Heli Aarnio, Rui Alves, Claudia Bacatum, Barbara Cesar, Karmen Erjavec, Terhi Hartikainen, Nevenka Kregar Velikonja, Sabina Krsnik, Gertudes Matado, Hannamari Moisa, Sofia Moreira, Maria Papantoni, Damjana Papež, Toni Pohjatalo, Anna-Maria Sidiropoulou, Edmundo Sousa, Merja Tissari, Mervi Toivanen, Areti Lagiou	
	ID:100 Title: Integrating Social Determinants of Health into Policy Design: A BENEFITS Framework for Data-Driven Equity Analysis. Authors: Panagiotis Katrakazas , Eleni Plemmenou, Bilal Almobarak	
	ID:130 Title: Use of Mobile Health by Health Care Professionals in Greece: a Validation Study. Authors: Maria Tsirintani	
	ID:124 Title: Establishing a Digital Twin Archetype Through Climate Concerns and Quality of Life Data. Authors: Anders Borkenhagen, Ankica Babic	
EEST	Session 14	Session 15
12:15 - 13:30	<i>Chair: Lăcrămioara Stoicu - Tivadar</i>	<i>Chair: Patrick Weber</i>
	ID:119 Title: Extending the Patient Summary for Rare Disease and Rare Cancers in the EHDS. Authors: Annalisa Trama, Ana Rath, Catherine Chronaki , Paolo Casali	ID:102 Title: Development of FHIR-Based Personal Health Care Mobile Application for Cardiac Care Management in Low and Middle- Income Countries (LMIC). Authors: Prabath Jayathissa , Avanthi Rupasinghe, Roshan Hewapathirana
	ID:120 Title: A Conceptual Framework for a Successful Adoption of Digital Health Systems in Developing Countries. Authors: Haythem Nakkas , Philip Scott	ID:143 Title: WiseSpace: A Tool for Secure Healthcare Data De-identification. Authors: Olga Vovk , Gunnar Piho, Peeter Ross
	ID:121 Title: Bridging the Legacy Interoperability Gap: A Flexible Approach to Implementing a FHIR Facade for EAV-based Health Information Systems. Authors: Maryam Jafarpour, Adnan Jouned, Laura Sophia Tassati, Florian Katsch, Georg Duftschmid	ID:154 Title: Optimal Set of Features for Leukaemia Images with Extracted Areas of Interest. Authors: Marinela Branescu , Stephen Swift, Allan Tucker Steve Counsell
		ID:39 Title: How to Define a Data Quality Indicator? Authors: Jürgen Stausberg , Sonja Harkener
		ID:76 Title: Comparison of Emergency Department Overcrowding Metrics and Healthcare Providers' Subjective Assessments. Authors: Ji Sim Yoon , Junhyuk Seo, Junsang Yoo, Wonchul Cha
		ID:14 Title: Improving Physician Communication Effectiveness using Tailored LLM Prompts. Authors: Onofrio Cappucci , Clara De Gennaro, Maura Pugliatti, Paola Crociani, Francesco Giuliani
		ID:6 Title: Safe with AI at Home: Factors Impacting Older People and Occupational Therapy. Authors: Alicia Ridout
13:30 - 14:30	ID:123 Title: Data Quality Assessment in mUzima-OpenMRS: A Mobile Application used by Community Health Workers for Screening Hypertension and Diabetes in Rwanda. Authors: Melissa Uwase , Isaac Ntakirutimana, Dieudonne Kayiranga, Emmy Mugisha, Celestin Twizere, David Tumusiime, Michael Mugisha	ID:31 Title: Health Informatics Training Programs in LMICs: A Scoping Review. Authors: Armine Lulejian , James Dickhoner, Lynn Kysh
	ID:157 Title: A Holistic Investigation of Nursing Workflows and Assessment of Susceptibility Across Different Levels of Work Seniority: A Mixed-Methods Study. Authors: Shan Yu, Lisiane Pruinelli	ID:7 Title: National Gamete Registry: Closing the Gaps. Authors: Nane Mnatsakanyan, Armine Lulejian , Tsaghkanush Sargsyan, Ruzanna Movsesyan
	Lunch break	

	ICIMTH 2025	
	4 - 6 July 2025	
	DAY 2: Saturday, 5 July	
14:30 - 15:15	Keynote Speech "Realistic Synthetic Data in Healthcare: Driving Innovation, Enabling Application, and Assuring Validation" Professor Theodoros N. Arvanitis, RT, DPhil, CEng, FRSM, FGBHI Chair in Digital Health Technology, University of Birmingham, United Kingdom	
15:15 - 15:45	Coffee break	
EEST	Session 16	Session 17
	<i>Chair: Marianna Diomidous</i>	<i>Chair: Paris Gallos</i>
15:45 - 17:15	ID:77 Title: A Multi-Method Machine Learning Analysis of Sleep Disturbances' Determinants during COVID-19. Authors: <u>Paschalina Lialiou</u> , Eleftherios Vouzis, Ilias Maglogiannis, John Mantas"	ID:44 Title: Introducing a FHIR-based Toolset for Analyzing Nursing- related Data. Authors: <u>Steffen Netzband</u> , Johann Frei, Florian Weber, Yevgeniia Ignatenko, Milena Grieger, Florian Gottschalk, Florian Auer, Dominik Müller, Jens O. Brunner, Frank Kramer
	ID:106 Title: 'IoT in Healthcare' Theme in Innovation: A Future Perspective of Healthcare & Telecommunication Industry. Authors: <u>Gaurang Thanekar</u>	ID:57 Title: Adoption of mHealth Apps in Chronic Care: Healthcare Professionals' Views. Authors: <u>Sharon Guardado</u> , Nirnaya Tripathi, Minna Isomursu, Guido Giunti
	ID:110 Title: AI in Childhood Development Monitoring: Attitudes, Needs, and Concerns in Dutch Youth Healthcare. Authors: <u>Paula van Dommelen</u> , Yannick C.S. Frans, Eline Vlasblom, Jildau Bouwman, Jeroen A. de Wilde	ID:73 Title: The Role of Personality in Shaping Diabetes Management Strategies and Technology Adoption. Authors: <u>Tahminehsadat Aldaghi</u> , Martina Vlasakova, Robert Bem, Anna Holubova, Martin Haluzik, Karel Hana, Jan Muzik
	ID:117 Title: Clinical Automata in Fuzzy Arden Syntax. Authors: <u>Julia Liepold</u> , Moritz Grob, Vladik Kreinovich, Robert A. Jenders, Klaus-Peter Adlassnig	ID:79 Title: Design and Development of a Mobile Device Application for the Digitalization of the Emergency Department Patient's History. Authors: <u>Nikoletta Katsivelou</u> , Emmanouil Zoulias, Joseph Liaskos, Flora Malamateniou
	ID:69 Title: PEDRO: a Peer-to-Peer Support Platform for Adverse Drug Reaction Management in Patients with CLL. Authors: Anastasia Farmaki, Christos Timamopoulos, Thomas Chatzikonstantinou, Panos Bonotis, Paolo Ghia, Lydia Scarfò, Kostas Stamatopoulos, Achilleas Chytas, Alexandros Rekkas, Kalliopi Kastampolidou, Pantelis Natsiavas	Demonstration ID:168 Title: MedSecurance Project - Advancing IoMT Security: The MedSecurance Toolbox. Xuefei Ding, Kostas Iordanou, Mirosław Malinowski, Daniel Naro, Silvia Llorente, Mahender Kumar, Paris Gallos, Konstantinos Katzis, Jaime Delgado, Gregory Epiphaniou, John Mantas, Patrick Weber, Dimitrios Petkousis, and <u>Theodoros N. Arvanitis</u>
	ID:45 Title: User Experience and Usability Evaluation of the CAREPATH Adaptive Integrated Care Platform. Authors: <u>A. Emre Akpınar</u> , Mert Gencturk, Omid Pournik, Theodoros N. Arvanitis, Gökçe Banu Laleci Erturkmen	
EEST	Session 18	Session 19
	<i>Chair: Leonhard Hauptfeld</i>	<i>Chair: Paris Gallos</i>
17:15 - 18:00	Workshop ID: 166 Title: Democratizing Clinical Knowledge Engineering through accessible tooling. Leonhard Hauptfeld, Moritz Grob, And Julia Liepold	Workshop ID: 169 Title: INSAFEDARE Project - Synthetic Health Data for Medical Device Regulation: Challenges, Frameworks, and the Path Forward. Xuefei Ding, Saadullah Farooq Abbasi, Omid Pournik, Linxue Bai, Saif Islam, Aglaia Katsiroumpa, Paris Gallos, Gregory Epiphaniou, Carsten Maple, George Pappous, Evi Saratsioti, Carlos Luis Parra-Calderón, Dimitrios Petkousis, John Mantas, Patrick Weber, and <u>Theodoros N. Arvanitis</u> (30 min)
EEST		Session 20
		<i>Chair: Oscar Tamburis</i>
18:00 - 19:00		Workshop ID: 167 Title: yEFMI: Empowering the Next Generation of Leaders in BMHI . <u>Oscar Tamburis</u>, Mihaela Crişan-Vida, Lars Lindsköld, Lacramioara Stoicu-Tivadar, Kaija Saranto, Ricardo João Cruz-Correia, and John Mantas
19:30 - 23:30	Gala Dinner	

	ICIMTH 2025	
	4 - 6 July 2025	
	DAY 3: Sunday, 6 July	
	Erechthion	Aristotelis B
EEST	Session 21	Session 22
	<i>Chair: Reinhold Haux</i>	<i>Chair: George Mihalas</i>
10:30 - 11:15	ID:131 Title: Gaming for Cognitive Assessment and Enhancement in Elders: A Secondary Analysis of Literature and Applications. Authors: Krister Bauge, Ankica Babic	ID:128 Title: Assessing Resilience in Digital Healthcare Systems based on a Markov Model. Authors: Georgia Tzitzili , Stergiani Spyrou, Agapios Platis
	ID:133 Title: Designing a Speech-Based Decision Support Tool for Parkinson's Disease in Integrated Care. Authors: Sheiladen Aquino	ID:139 Title: Risk Factors of Gestational Diabetes: Exploring from E- Medical Records. Authors: Chitkamon Srichomphoo, Chonticha Nohbu, Nor-Armeero Wa-Ebasu, Nutsara Buachoei, Piriyalux Phethuayluk, Patthama Rakkua, Santisith Khiewkhern
	ID:134 Title: Generative-AI-based Approaches for Information Extraction from clinical notes: A Scoping Review. Authors: Chaïma Abdellaoui, Akram Redjda, Brigitte Seroussi	ID:140 Title: Factors Associated with Treatment Success among Patients with Pulmonary Tuberculosis: Exploring from NTIP Record. Authors: Sasicha Kwangdam, Sulida Toekasem, Wanpen Yingyuat, Piriyalux Phethuayluk, Patthama Rakkua, Santisith Khiewkhernc, Chitkamon Srichomphoo
11:15 - 11:45	Coffee Break	
EEST	Session 23	Session 24
	<i>Chair: Emmanouil Zoulas</i>	<i>Chair: Maria Tsirintani</i>
11:45 - 12:30	ID:124 Title: Establishing a Digital Twin Archetype Through Climate Concerns and Quality of Life Data. Authors: Anders Borkenhagen, Ankica Babic	ID:141 Title: Vessel Segmentation method in coronography images. Authors: Catalina Bandas , Gabriel Danciu, Bogdan-Valentin Floricescu
	ID:148 Title: Applying Mobile Application for Caregiver Support in Rural Areas: A Case Study from Samut Songkhram Province, Thailand. Authors: Sureewan Siladiao , Niruwan Turnbull, Ruchakron Kongmant, Songkhamchai Leethongdissakul	ID:137 Title: Machine Learning Models for Predicting Mortality in Pneumonia Patients. Authors: Vedrana Pavlovic , Md Sahil Haque, Nikola Grubor, Andrija Pavlovic, Dejana Stanisavljevic, Natasa Milic
	ID:153 Title: Clinical characteristics & Quality of life in Patients undergoing TAVI Procedure: Results From the VIP-Cardio Survey. Authors: Konstantinos Petsios , Ilias Kosmas, Panos Minogiannis, Dionysios Tsoukalas, Daphne Kaitelidou, Olga Siskou, Olympia Konstantakopoulou, Iliana Karagkouni, Petros Galanis, Panagiota Peleka, Dimitra Kousi, Konstantinos Vemmos, John Iakovou	ID:155 Title: Performance Evaluation of Popular Open-Source Large Language Models In Healthcare. Authors: Saif Khairat , Tianyi Niu, John Geracitano, Zhaoqiang Zhou
12:30 - 13:30	Lunch Break	
EEST	Session 25	
	<i>Moderator: Arie Hasman</i>	
13:30 - 15:00	Plenary Panel "History of AI in Healthcare: What did we Learn?" Professor Arie Hasman, Professor Reinhold Haux, Professor Casimir Kulikowski, Professor George Mihalas	
15:00 - 15:30	Coffee Break	
15:30 - 16:00	Closing Session Professor John Mantas, Conference Chair and Professor Arie Hasman, SPC Chair	

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