

EURO-MEDITERRANEAN
MEDICAL INFORMATICS and TELEMEDICINE

14th Meeting (on site and webinar)

Covid-19 Health and Social emergency in Mediterranean area: how
Digital Technology and Telemedicine can support in decision & problem solving
Towards a Mediterranean e-Health Observatory (MeHO)

August 30-31, 2021

Agrigento City – Sicily/Italy



Presentation and Program

After many times (since 2005) we had the Mediterranean EMMIT conferences in presence (Egypt, Lebanon, Libya, Greece, Albania, Croatia, Romania, Malta, Morocco, France) and last year in webinar modality, due to the covid emergency, this year we want to attempt to make meeting of our EMMIT group (as part of the international IMIT - International Medical Informatics and Telemedicine - Community) in presence and in virtual way (it depends by the pandemic evolution in these next month) in Italy, at the Town of Agrigento (Sicily Island)

Monday 30

On site/webinar sessions:

H 9.15 Arrival and Welcome to Agrigento and Participants Registration

H 9.30 Welcome Address of Local, Regional, National Authorities.

Local (Province) Health Directorate - ASP of Agrigento Region of Sicily

Ministries of Health, Foreign Affairs, University and Research, Digitalization,...

H 9.45 Presentation of Conference and Italian role for scientific & technological cooperation in Mediterranean area during and after the Covid-19 pandemic

***Francesco Sicurello** (President of EMMIT/IITM & Associate researcher at CNR-ITB)

***Salvatore Corrao** (School of Medicine, University of Palermo and National Relevance and High Specialization Hospital Trust ARNAS Civico, Di Cristina e Benfratelli – Palermo)

***Giuseppe De Pietro** (Director of ICAR-CNR)

***Massimo Casciello** (Director of DGISAN Dept., Italian Ministry of Health)

***Marco De Marco** (Dean of the Faculty of Economics, Univers. Telematica Internazionale Uninettuno)

***Carlo Bottari** (University of Bologna)

***Giuseppe Pirlo** (University of Bari) Full Professor of Computer Science - University of Bari - Italy

Deputy Chancellor of Third Mission and Sustainability, Chair of the National Research Programme 2021-2027 - "Digital Transition - Industry 4.0)

***Giuseppe Mastronardi** (Ex President of AICA, Polytechnic of Bari)

***Pierpaolo Saporito** (President of OCCAM-UN)

H 10.45 Digital Health and Telemedicine during and post Covid-19 (Chair: **Giuseppe Tritto**, President of WABT-UNESCO)

Antonio Pugliese (University of Messina)-Pandemic History;

Mauro **Giacomini** (University of Genoa)-Rete ligure telematica per le malattie infettive;

Paolo Milia (Prosperius Tiberino Institute, University of Perugia, Italy)-Using technology to restore functional movement in post sars-cov 2 patients: the serious games experience;

Calogero Galvano (Sacco Hospital Milan)-Esperienze di assistenza domiciliare di pazienti in follow-up post-operatorio cardiocirurgico;

Gaetano Dipietro (già Direttore U.O.C. Centrale Operativa sovraprovinciale Bari-BAT, Past President Associazione Italiana Medicina delle Catastrofi)-L'Ospedale di back-up per le emergenze sanitarie;

Nicolò Vittorio Impellizzieri (eHealth Specialist "MEDH LAB", HB DIGIT)-Smart Health for Patient Care/Safety;

Abdel-Badeeh Mohamed Mahmoud Salem (Computer and Information Sciences Faculty, Ain Shams University, Cairo -The potential Role of Artificial Intelligence in the battle against COVID-19;)

Nevine Makram Labib (Chair of Computer and Information Systems Department - Sadat Academy for Management Sciences, Cairo, Egypt)-Artificial Intelligence in Genomics;

H 12.30 **Lunch break**

H 13.45 **AI, IoT, Big Data, 3D imaging/printing, privacy and security** (Chair: **Lorenzo Rossano**, University of Palermo)

Gianni Pellicanò (University Hospital Careggi, Florence, Coordinator of @itim Scientific Committee)@Telemedicina: cosa ci ha insegnato la pandemia da Covid-19;

Domenico Pisanelli (CNR - ISTC Rome)@Which ontologies for the post-Covid world;

Eleonora Veglianti (Université Catholique de Lille, France)@Smart Healthcare: Chatbots applications;

Stefano Mazzoleni (Politecnico di Bari)@Robotics, Wearable devices, AI;

Domenico Garlisi (Università degli studi di Palermo, CNIT - Consorzio Nazionale Interuniversitario per le Telecomunicazioni) @Biosensors and IoT in Biomedical applications;

Matteo Botteghi (WorldConnex, Università di Bologna)@Digital Pathology applications;

James Goldberg (University 1 of Lyon, American Academy of Health)@e-Education: comparing different programs and results in various counties (USA, Europe, ...);

H 16.00 Special session on: Applications, programs&projects of Digital Health in Mediterranean Countries: cooperation on medical informatics and telemedicine towards Medical/Health Networks and a Mediterranean e-Health Observatory – MeHO (Chair: **Francesco Sicurello**. President of EMMIT/IITM & Associate researcher at CNR-ITB)

***Christian Axiak** (IT Lead on Digital Imaging Solutions, Mater Dei Hospital, Msida, Malta)

***Asma Hasan Sbaih** (Phd Compational Neuroscience Bethlehem, Palestine)

***Habib Ghedira** (Président-Directeur Général of the National Office of Family and Population, Tunisia)

***Nabil Georges Badr** (Digital Advisor - FinTech, EduTech and Health Informatics, Research Associate - Higher Institute of Public Health- USJ, Lebanon)

***Yossi Jan** (Co-Founder & CEO of Ewave MD Medical, Israel)

***Albero Lazzèro** (Hospital of Briançon, France)

***Mohamed Abdalla** (Ex. ITU/UN Senior Advisor for Arab State)

***Alessandro Melillo** (Head of EU projects department I.E.R.F.O.P. Onlus, Cagliari)

H 20.00 *Dinner*

Thursday 31

H 9.15 *Application of systems and services in telemonitoring and telerehabilitation (Chair: **Fausto Crapanzano, ASP Agrigento**)*

Sergio Bella (Vice-president of @itim, Children Hospital Bambino Gesù Rome)@Nuovi servizi di telemedicina ed esperienze di telemonitoraggio in Fibrosi Cistica;

Rodolfo Rivera (Desio Hospital and Argentina)@Follow up di pazienti post-covid;

Andrea Capra (Caspo Consulting)@IoT sensors in biomedical field;

Matteo Botteghi (WorldConnex, Università di Bologna)@Wearable device YOU CARE;

Marina Rizzo (Responsabile Neurologia Ospedale Villa Sofia, Palermo, A.I.D.M. Associazione Italiana Donne Medico)@Televisita e monitoraggio di pazienti con patologie croniche neurologiche;

Angela Morreale (Neurologist, Bologna)@Metodi e tecniche per la telerabilitazione;

Maria Pia Onesta (Spinal Unit, Cannizzaro Hospital, Catania)@Riabilitazione Spinale;

Riccardo Giammanco (ASP Ragusa)*@Televisite e telerabilitazione a casa come in struttura;

Abdeljalil Makhloufi (Tech Lab, Unità Spinale A.O. Niguarda Milano)@Stampa 3D:progettazione e modellazione con software di ausili per disabili non disponibili in commercio;

Donatella Bonaiuti (SIMFeR)@LEA e tecnologie biomediche e robotiche;

H 11.00 *Presentation of Horizon Europe R&D Program and national and regional regulations: Work packages on Health, ICT&Digital technology, Food, Agriculture, Veterinary, Environment*

***Giancarlo Mauri** (University of Milan Bicocca)

***Alessandro Orro** (CNR ITB Milan)

***Maria Luisa Ganadu** (University of Sassari)

***Alessandro Melillo** (Head of EU projects department I.E.R.F.O.P. Onlus, Cagliari)

***Giacomo Sicurello** (IITM/Neurospine Community)

***Matthew Tritto** (University of Paris)

H 12.30 *Conclusion and preparation of EMMIT 2022 (Tunisia, Palestine, Israel, or ...)*

Scientific Committee

Chair: **Francesco Sicurello**, President of IITM/@ITIM (EMMIT-IMIT Community), CNR-ITB Milan

Co-Chairs: **Asma Hasan Sbaih**, Phd Compational Neuroscience Bethlehem, Palestine ; **Christian Axiak**, IT Lead on Digital Imaging Solutions, Mater Dei Hospital, Msida, Malta

<i>Mohamed Abdalla (Egypt)</i>	<i>Emilia Forlani (Italy)</i>	<i>Valérie Monfort (France)</i>
<i>Salem Abdel-Badeeh M (Egypt)</i>	<i>Dimitris Fotiadis (Greece)</i>	<i>Angela Morreale (Italy)</i>
<i>Najeeb Al-Shorbaji (Jordan)</i>	<i>Maria Luisa Ganadu (Italy)</i>	<i>Shauli Nakar (Israel)</i>
<i>Francesco Amenta (Italy)</i>	<i>Veska Georgieva (Bulgaria)</i>	<i>Zahraa Nouredine (Lebanon)</i>
<i>Filippo Amore (Italy)</i>	<i>Hassan Ghazal (Morocco)</i>	<i>Alfredo Nicolosi (Italy)</i>
<i>Essam Ayad (Egypt)</i>	<i>Habib Ghedira (Tunisia)</i>	<i>Maria Pia Onesta (Italy)</i>
<i>Claudio Azzolini (Italy)</i>	<i>Mauro Giacomini (Italy)</i>	<i>Alessandro Orro (Italy)</i>
<i>Nabil Georges Badr (Lebanon)</i>	<i>Maria Carla Gilardi (Italy)</i>	<i>Immacolata Pannone (Italy)</i>
<i>Sergio Bella (Italy)</i>	<i>Wojciech Glinkowski (Poland)</i>	<i>Gianni Pellicanò (Italy)</i>
<i>Manana Beruchashvili (Georgia)</i>	<i>Leonid Godlevsky (Ukraine)</i>	<i>Giuseppe Pirlo (Italy)</i>
<i>Donatella Bonaiuti (Italy)</i>	<i>James Goldberg (USA)</i>	<i>Domenico Pisanelli (Italy)</i>
<i>Carlo Bottari (Italy)</i>	<i>Johnny Heubri (Lebanon)</i>	<i>Simion Pruna (Romania)</i>
<i>Matteo Botteghi (Italy)</i>	<i>Novak Jaucokic (Montenegro)</i>	<i>Antonio Pugliese (Italy)</i>
<i>Marcello Bracale (Italy)</i>	<i>Alice Karoubi Nordon (France)</i>	<i>Jasmina Radojlović (Serbia)</i>
<i>Renato Caruso (Italy)</i>	<i>Klaus Kayser (Germany)</i>	<i>Marina Rizzo (Italy)</i>
<i>Massimo Casciello (Italy)</i>	<i>Okba Kazar (Algeria)</i>	<i>Lorenzo Rossano (Italy)</i>
<i>Bouchra Chaouni (Morocco)</i>	<i>Alda Kika (Albania)</i>	<i>Pierpaolo Saporito (Italy)</i>
<i>Fabrizio Clemente (Italy)</i>	<i>Vassiliki Koufi (Greece)</i>	<i>Giusto Sciarabba (Italy)</i>
<i>Salvatore Corrao (Italy)</i>	<i>Luis Kun (USA)</i>	<i>Andrei Selkov (Russia)</i>
<i>Fausto Crapanzano (Italy)</i>	<i>Alberto Lazzèro (France)</i>	<i>Ghassan Shahrou (Syria)</i>
<i>Paolo Cristiani (Italy)</i>	<i>Dario Liebermann (Israel)</i>	<i>Giulia Stampacchia (Italy)</i>
<i>Giulio Del Popolo (Italy)</i>	<i>Alfio Lombardo (Italy)</i>	<i>Valery Stolyar (Russia)</i>
<i>Marco De Marco (Italy)</i>	<i>Anamarija Margan (Croatia)</i>	<i>Peter Tonellato (USA)</i>
<i>Giuseppe De Pietro (Italy)</i>	<i>Giuseppe Mastronardi (Italy)</i>	<i>Oswaldo Trelles (Spain)</i>
<i>Gaetano Dipietro (Italy)</i>	<i>Giancarlo Mauri (Italy)</i>	<i>Giuseppe Tritto (Italy&France)</i>
<i>Zoran Dogas (Croatia)</i>	<i>Stefano Mazzoleni (Italy)</i>	<i>Nikolay Tverdokhlebov (Russia)</i>
<i>Habib Douagui (Algeria)</i>	<i>Nébila Mezghani (Tunisia)</i>	<i>Alfonso Maurizio Urso (Italy)</i>
<i>Xheladin Dracini (Albania)</i>	<i>Luciano Milanese (Italy)</i>	<i>Eleonora Veglianti (France)</i>
<i>Bassant M. Elbagoury (Egypt)</i>	<i>Paolo Milia (Italy)</i>	<i>Anton Vladzmyrsky (Ukraine)</i>
<i>Ahmed Elbousify (Libya)</i>	<i>Ghawil Millad (Libya)</i>	<i>Luigi Vladareanu (Romania)</i>
<i>Aziz El Matri (Tunisia)</i>	<i>Concetta Mirisola (Italy)</i>	<i>Yukako Yagi (USA)</i>
<i>Themis Exarchos (Greece)</i>	<i>Ioana Moisil (Romania)</i>	<i>Tatjana Zrimec (Slovenia)</i>

Technical-organizing Committee

Francesco Sicurello, IITM/@ITIM & EMMIT-IMIT Community, CNR-ITB Milan; **Fausto Crapanzano**, ASP Agrigento; **Lorenzo Rossano**, University of Palermo

Secretariat: **Giacomo Sicurello (IITM/Neurospine Community)**, **Matthew Tritto (University of Paris)**

For more information on participation modalities, contact: segreteria@ii-tm.it