

# HEALTHINFO 2023

## Committee

### HEALTHINFO 2023 General Chair

Jaime Lloret Mauri, Polytechnic University of Valencia, Spain

### HEALTHINFO 2023 Steering Committee

Shada Alsalamah, King Saud University, Saudi Arabia

Nelson P. Rocha, University of Aveiro, Portugal

### HEALTHINFO 2023 Publicity Chair

Lorena Parra Boronat, Universitat Politecnica de Valencia, Spain

Sandra Viciano Tudela, Universitat Politecnica de Valencia, Spain

Jose Miguel Jimenez, Universitat Politecnica de Valencia, Spain

### HEALTHINFO 2023 Technical Program Committee

Djafar Ould Abdeslam, University of Haute Alsace, France

Sherif Abdelwahed, Virginia Commonwealth University, USA

Somayah Abedian, Ministry of Health and Medical Education, Tehran, Iran

Miriam Allalouf, Azrieli College of Engineering Jerusalem - JCE, Israel

Jens Allmer, Hochschule Ruhr West, University of Applied Sciences, Germany

João R. Almeida, University of Aveiro, Portugal / University of A Coruña, Spain

Shada Alsalamah, King Saud University, Saudi Arabia

Mustapha Aouache, Telecom Division - Centre de Développement des Technologies Avancées (CDTA), Algiers, Algeria

Khalfalla Awedat, Pacific Lutheran University, USA

Mana Azarm, University of Ottawa, Canada

Nabil Georges Badr, Higher Institute of Public Health – USJ, Beirut, Lebanon

Panagiotis D. Bamidis, Aristotle University of Thessaloniki, Greece

Hugo Barbosa, Lusofona University of Porto / Faculty of Engineering of the University of Porto, Portugal

Fabio Baseline, University of Naples Parthenope, Italy

Arriel Benis, Holon Institute of Technology, Israel

Ahmed Bentajer, National School of Applied Sciences | Abdelmalek Essaad University, Tetouan, Morocco

Vilmos Bilicki, University of Szeged, Hungary

Amine Boufaied, ISITCom | University of Sousse, Tunisia

Guillaume Bouleux, University of Saint Etienne | INSA-Lyon, France

Klaus Brinker, Hamm-Lippstadt University of Applied Sciences, Germany

Tolga Çakmak, Hacettepe University, Turkey

Manuel Campos Martínez, University of Murcia, Spain

Armand Castillejo, STMicroelectronics, France

Rui Pedro Charters Lopes Rijo, Polytechnic of Leiria | INESCC | CINTESIS, Portugal  
K.A.D. Chaturangika P. Kahandawaarachchi, Sri Lanka Institute of Information Technology, Sri Lanka  
Ayan Chatterjee, University of Agder, Grimstad, Norway  
Bhargava Chinni, University of Rochester, USA  
Giulia Cisotto, University of Padova, Italy / National Centre for Neurology and Psychiatry of Tokyo, Japan  
Alberto Cliquet Jr., UNICAMP / USP, Brazil  
Zhou Congcong, Zhejiang University, China  
Andrea Corradini, KEA Copenhagen, Denmark  
Katie Crowley, University of Limerick, Ireland  
Subhashis Das, Dublin City University, Ireland  
Giuseppe De Pietro, Institute for High Performance Computing and Networking (ICAR) - Italian National Research Council (CNR), Italy / Temple University's College of Science and Technology, Philadelphia, USA  
Huseyin Demirci, University of Luxembourg, Luxembourg  
Steven A. Demurjian, The University of Connecticut, USA  
Anatoli Djanatliev, University of Erlangen-Nuremberg, Germany  
Thuy T. Do, Luther College, USA  
Alexandre Douplik, Ryerson University / St. Michael Hospital, Canada  
António Dourado, University of Coimbra, Portugal  
Stephan Dreiseitl, University of Applied Sciences Upper Austria, Austria  
Mounîm A. El Yacoubi, Telecom SudParis / Institut Polytechnique de Paris, France  
Mahmoud Elbattah, University of the West of England Bristol, UK / Université de Picardie Jules Verne, France  
Şahika Eroğlu, Hacettepe University, Ankara, Turkey  
Gokce Banu Laleci Erturkmen, SRDC A.S., Turkey  
Shayan Fazeli, UCLA, USA  
(David) Dagan Feng, University of Sydney, Australia  
Ana Isabel Ferreira, Nova School of Science & Technology – NOVA University of Lisbon / Health School – Polytechnic Institute of Beja, Portugal  
Filipe Fidalgo, Instituto Politécnico de Castelo Branco, Portugal  
Duarte Folgado, Associação Fraunhofer Portugal Research | NOVA School of Science and Technology - LIBPhys-UNL, Portugal  
Sebastian Fudickar, Universität Oldenburg, Germany  
Rosalba Giugno, University of Verona, Italy  
Alexandra González Aguña, University of Alcalá, Spain  
María Adela Grando, Arizona State University, USA  
David Greenhalgh, University of Strathclyde, UK  
Abir Hadriche, ENIS - Sfax University, Tunisia  
Muhammad Hasan, Texas A&M International University (TAMIU), USA  
Sara Herrero Jaén, University of Alcalá, Spain  
Harry Hochheiser, University of Pittsburgh, USA  
Mohamed Hosni, ENSAM | Moulay Ismail University, Meknes, Morocco  
Wen-Chen Hu, University of North Dakota, USA  
Yan Hu, Blekinge Institute of Technology, Sweden  
Fábio Iaione, Universidade Federal de Mato Grosso do Sul, Brazil  
Tunazzina Islam, Purdue University, USA  
Nawel Jmail, Sfax University, Tunisia  
Sheila John, Sankara Nethralaya, India  
Ashad Kabir, Charles Sturt University, Australia

Mohamad Kassab, The Pennsylvania State University, USA  
Dimitrios G. Katehakis, FORTH Institute of Computer Science, Greece  
Jasmeet Kaur, O. P. Jindal Global University, India  
Eizen Kimura, Medical School of Ehime University, Japan  
Boris A. Kobrinskii, Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences, Russia  
Daniela Krainer, Carinthia University of Applied Sciences, Austria  
Sara Kuppin Chokshi, HITLAB (Healthcare Information Technology Lab), USA  
Rekha Kumari, Miranda House | University of Delhi, India  
Tomohiro Kuroda, Kyoto University Hospital, Japan  
Yngve Lamo, Western Norway University of Applied Science, Norway  
Carla V. Leite, University of Aveiro, Portugal / University of Turku, Finland  
José Lima, CeDRI & INESC TEC, Portugal  
Tatjana Loncar-Turukalo, University of Novi Sad, Serbia  
Guillermo H. Lopez-Campos, Wellcome-Wolfson Institute for Experimental Medicine | Queen's University Belfast, UK  
Ivan Luiz Marques Ricarte, University of Campinas, Brazil  
Wendy MacCaull, St. Francis Xavier University, Antigonish, Canada  
Carlos Maciel, University of São Paulo, Brazil  
Fabrizio Marangio, ICAR - CNR, Italy  
Ana Maria Mendonça, University of Porto / INESC TEC, Portugal  
Ciro Martins, University of Aveiro, Portugal  
Samuel Botter Martins, Federal Institute of São Paulo, Brazil  
Miguel-Angel Mayer, Hospital del Mar Medical Research Institute (IMIM), Barcelona, Spain  
Oleg Yu. Mayorov, Ukrainian Association for Computer Medicine | Kharkiv State Medical Academy of Postgraduate Education | Institute of Children and Adolescents Health Protection - Nat. Acad. Med. Sci., Ukraine  
Paolo Melillo, University of Campania Luigi Vanvitelli, Naples, Italy  
Daniela Micucci, University of Milano - Bicocca, Italy  
Laura Moss, University of Glasgow, UK  
Vandana V. Mukherjee, IBM Research - Almaden Research Center, USA  
Josephine Nabukenya, Makerere University, Uganda  
Nuria Ortigosa, Universitat Politècnica de Valencia, Spain  
Nelson Pacheco Rocha, University of Aveiro, Portugal  
Danilo Pani, University of Cagliari, Italy  
Fagner L. Pantoja, State University of Campinas / Federal University of Pará, Brazil  
Kolin Paul, IIT Delhi, India  
Alejandro Pazos Sierra, University of A Coruña, Spain  
Akila Pemasiri, Queensland University of Technology, Australia  
Francesco Pincioli, Politecnico di Milano / National Research Council of Italy / IEIT - Istituto di Elettronica e di Ingegneria dell'Informazione e delle Telecomunicazioni, Italy  
Salviano Pinto Soares, University of Trás-os-Montes and Alto Douro, Portugal  
Ana Margarida Pisco Almeida, University of Aveiro, Portugal  
Elaheh Pourabbas, National Research Council of Italy, Italy  
Claudia Quresma, NOVA School of Science and Technology | NOVA University of Lisbon, Portugal  
Marco Ivan Ramirez Sosa Moran, Tecnológico Nacional de México, Mexico  
Sylvie Ratté, Ecole de technologie supérieure - Université of Québec, Montreal, Canada  
Emanuele Rizzuto, SAPIENZA University of Rome, Italy

Sandra Rua Ventura, Center for Rehabilitation Research | School of Health | Polytechnic of Porto, Portugal

Vangelis Sakkalis, Institute of Computer Science - Foundation for Research and Technology (ICS - FORTH), Greece

Ahmad Salehi, Monash University, Australia

Patricia Santos, NOVA School of Science and Technology - NOVA University of Lisbon / Superior School of Health of Polytechnic Institute of Beja, Portugal

Alessandra Scotto di Freca, University of Cassino and Southern Lazio, Italy

Jayanthi Sivaswamy, International Institute of Information Technology (IIIT), Hyderabad, India

Pedro Sousa, Nursing School of Coimbra / Center for Innovative Care and Health Technology, Portugal

Zoltán Szlávik, myTomorrows, Netherlands

Toshiyo Tamura, Waseda University, Japan

Adel Taweel, Birzeit University, PS/ King's College London, UK

Rafika Thabet, Grenoble-Alpes | INP | CNRS | G-SCOP, France

Ljiljana Trajkovic, Simon Fraser University, Canada

Tuan Tran, College of Pharmacy | California Northstate University, USA

Athanasios Tsanas, University of Edinburgh, UK

Manolis Tsiknakis, Hellenic Mediteranean University / Foundation for Research and Technology Hellas (FORTH), Greece

Ioan Tudosa, University of Sannio, Italy

Jonathan Turner, Technological University Dublin, Ireland

Gary Ushaw, Newcastle University, UK

Ali Valehi, University of Southern California, USA

Maria Vasconcelos, Fraunhofer Portugal AICOS, Portugal

Agnes Vathy-Fogarassy, University of Pannonia, Hungary

Enrico Vicario, University of Florence, Italy

João L. Vilaça, 2Ai - School of Technology | IPCA, Barcelos, Portugal

Klemens Waldhör, FOM Hochschulzentrum Nürnberg, Germany

Shin'ichi Warisawa, The University of Tokyo, Japan

Pengcheng Xi, National Research Council of Canada / University of Waterloo, Canada

Zongxing Xie, Stony Brook University, USA

Sule Yildirim-Yayilgan, Norwegian University of Science & Technology, Norway

Malik Yousef, Zefat Academic College | Galilee Digital Health Research Center (GDH), Israel

Bing Zhou, Snap Research, USA

Stelios Zimeras, University of the Aegean, Greece