



# E-Health Telecommunication Systems and Networks



https://www.scirp.org/journal/etsn

### **Journal Editorial Board**

ISSN Print: 2167-9517 ISSN Online: 2167-9525

https://www.scirp.org/journal/etsn

Editor-in-Chief

Prof. Mohamad Abou El-Nasr Arab Academy for Science, Technology and Maritime

Transport, Egypt

**Editorial Board** 

Prof. Rabiul Ahasan Universiti Sultan Zainal Abidin (UniSZA), Malaysia

Dr. Matthew Allsop University of Leeds, UK

Prof. Christo Ananth Francis Xavier Engineering College, Tirunelveli, India

Prof. Jiali Bao Zhejiang University, China

Prof. Lora Humphrey Beebe University of Tennessee College of Nursing, USA

Prof. Chin-Ling Chen Chaoyang University of Technology, China

**Prof. Arif Demir** Kocaeli University, Turkey

Dr. Anne Granstrøm Ekeland Norwegian Centre for Integrated Care and Telemedicine

University Hospital of North Norway, Norway

Prof. José Bringel Filho State University of Piauí, Brazil

Dr. Mehdi Hosseinzadeh Iran University of Medical Sciences, Iran

Prof. Boris A. Kobrinskii Pirogov Russian National Research Medical University, Russia

Prof. Tatiana Kovacikova Head of Science Operations, Belgium
Dr. Ye Li Chinese Academy of Sciences, China

Prof. Sergey A. Lupin National Research University of Electronic Technology, Russia

Dr. Sabato Manfredi University of Napoli Federico II, Italy
Dr. Emmanuel O.C. Mkpojiogu Universiti Utara Malaysia, Malaysia

Dr. Hamid Moghaddasi Beheshti University of Medical Sciences, Iran

**Dr. Saumyendra V. Singh** KG Medical University, India

Prof. Wei Wang Edith Cowan University, Australia
Dr. Stelios Zimeras University of the Aegean, Greece



ISSN Online: 2167-9525 ISSN Print: 2167-9517

## **Table of Contents**

Volume 11	Number 2	June 2022
•	omputerized Health Information System on Decisions, Sana'a Hospitals, Yemen (2017-20	
A. M. A. Hubaish	, B. M. Addeeb, A. Al-Serouri, S. Mughalles, Y. Gh	aleb47
Consumer Risk I	erceptions in Mobile Health Services Adop	tion: Do They Matter?
M Cocosila O T	urel	67

# E-Health Telecommunication Systems and Networks (ETSN) Journal Information

#### SUBSCRIPTIONS

The *E-Health Telecommunication Systems and Networks* (Online at Scientific Research Publishing, <a href="https://www.scirp.org/">https://www.scirp.org/</a>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### Subscription rates:

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

#### **SERVICES**

#### Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

#### Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

#### **COPYRIGHT**

#### Copyright and reuse rights for the front matter of the journal:

Copyright © 2022 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

http://creativecommons.org/licenses/by/4.0/

#### Copyright for individual papers of the journal:

Copyright © 2022 by author(s) and Scientific Research Publishing Inc.

#### Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

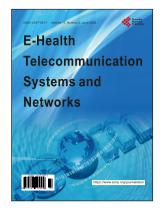
#### Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: etsn@scirp.org



## Call for Papers

# E-Health Telecommunication Systems and Networks

ISSN Print: 2167-9517 ISSN Online: 2167-9525

https://www.scirp.org/journal/etsn

#### Editor-in-Chief

Prof. Mohamad Abou El-Nasr

Arab Academy for Science, Technology and Maritime Transport, Egypt

#### **Editorial Board**

Prof. Rabiul Ahasan

Dr. Matthew Allsop

Prof. Christo Ananth

Prof. Jiali Bao

Prof. Lora Humphrey Beebe

Prof. Chin-Ling Chen

**Prof. Arif Demir** 

Dr. Anne Granstrøm Ekeland

Prof. José Bringel Filho

Dr. Mehdi Hosseinzadeh

Prof. Boris A. Kobrinskii

Prof. Tatiana Kovacikova

Dr. Ye Li

Prof. Sergey A. Lupin

Dr. Sabato Manfredi

Dr. Emmanuel O.C. Mkpojiogu

Dr. Hamid Moghaddasi

Dr. Saumyendra V. Singh

Prof. Wei Wang

Dr. Stelios Zimeras

Universiti Sultan Zainal Abidin (UniSZA), Malaysia

University of Leeds, UK

Francis Xavier Engineering College, Tirunelveli, India

Zhejiang University, China

University of Tennessee College of Nursing, USA

Chaoyang University of Technology, China

Kocaeli University, Turkey

Norwegian Centre for Integrated Care and Telemedicine University Hospital of

North Norway, Norway

State University of Piauí, Brazil

Iran University of Medical Sciences, Iran

Pirogov Russian National Research Medical University, Russia

Head of Science Operations, Belgium

Chinese Academy of Sciences, China

National Research University of Electronic Technology, Russia

University of Napoli Federico II, Italy

Universiti Utara Malaysia, Malaysia Beheshti University of Medical Sciences, Iran

KG Medical University, India

Edith Cowan University, Australia

University of the Aegean, Greece

ETSN is an international refereed journal dedicated to publishing state-of-the-art research in the field of e-health applications in telecommunication systems and networks. The journal focuses on systems, algorithms, and applications of e-health and medical telecommunications. ETSN publishes original research as well as review papers in the following areas:

Biomedical communications

Biomedical sensors and instrumentation

Biomedical signal processing Body area and sensor networks

Clinical ICT application

Collaborative technologies in e-health and telemedicine systems

Consumer health informatics

E-health and m-health systems

E-health in public health

Grids

Healthcare applications

Healthcare information systems

Healthcare systems and services in transition: e-

health, telemedicine and conditions for innovation

Medical informatics

Patient pathways and coordinated care

Prevention and self-management

Security and privacy issues of e-health systems

Wearable sensors and systems

Wireless communications and mobility

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Website and E-Mail

https://www.scirp.org/journal/etsn

E-Mail: etsn@scirp.org

#### What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

#### What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org