

e-Health Technical Committee Newsletter

April, 2019

On behalf of the e-Health Technical Committee (TC) of the IEEE Communications Society (ComSoc), we wish all our members a very instructive reading of this letter.

The contribution from this edition is coming from the WWRF WG e/m-Health and Wearables Vertical Industries Platform (VIP) White Paper “A New Generation of e-Health Systems Powered by 5G”. <https://www.wwrf.ch/files/wwrf/content/files/publications/outlook/Outlook17.pdf>

Members of the e-Health community are invited to contact the author for further information or collaborations.

We also welcome all our members to share their research activities and field experiences through this open newsletter and to open up new opportunities for discussions and collaborations.

Editor: Dr. Nada Philip (Kingston University London, UK)

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A SUMMARY ON THE ‘A NEW GENERATION OF E-HEALTH SYSTEMS POWERED BY 5G’ WHITE PAPER

Christos Politis
Kingston University London, UK

Standardized 5G systems will be market ready around 2020. What is clear is that 5G will be more than a simple evolution of the current network. Indeed, it will be a catalyst for new products and services by integrating

networking, computing and storage resources into a unified infrastructure, becoming the nervous system of cognitive objects and cyber-physical systems. WWRF has devised a series of vertical industry platform (VIPs) for 5G, where important standardization topics can be seeded and cultivated. This is a summary of the white paper¹ that has as its scope the requirements of providing effective healthcare using 5G technology. The specific objectives of the paper are to develop WWRF as a bridge between the people, organizations and industries involved in healthcare and the 5G standards organizations (such as 3GPP) to gather their requirements and prepare for

¹ WWRF WG e/m-Health and Wearables Vertical Industries Platform (VIP), White Paper, ‘A New Generation of e-Health Systems Powered by 5G’, 2016
<https://www.wwrf.ch/files/wwrf/content/files/publications/outlook/Outlook17.pdf>

IC-FeH 2019

International Conference on Future e-Health

Advancing e-Health with innovative research results, the
future is now

1-3 November 2019, Zhuhai, China

CALL FOR PAPERS



November 1– 3, 2019 | Zhuhai, China | <https://www.icfeh.com>

Call for Papers

IC-FeH 2019 is sponsored and hosted by the Zhuhai Institute of Advanced Technology Chinese Academy of Sciences. Technically it is sponsored by the SIG of e-Health of IEEE Communication Society, School of Nursing, Capital Medical University, DACC Lab of University of Macau, ICT Innovative Group of Durban University of Technology, South Africa and Biotechnology Department of Lakehead University, Canada. IC-FeH 2019 aims at gathering researchers from around the world working from interdisciplinary fields contributing and progressing towards the goal of adopting now the future e-Health technologies. Accepted and presented technical papers will be published in the IC-FeH 2019 Conference Proceedings by Communications in Computer and Information Science (CCIS) with Springer. Selected authors of the best articles presented at the conference will be invited to publish in a number of Special Issues of SCIE-indexed journals.

Important Dates

1st Round of Call

Submission Deadline: **26 April 2019**

Notification Deadline: **31 May 2019**

Camera-ready Deadline: **28 June 2019**

Early-bird Registration: **28 June 2019**

2nd Round of Call

Submission Deadline: **31 May 2019**

Notification Deadline: **28 June 2019**

Camera-ready Deadline: **26 July 2019**

Early-bird Registration: **26 July 2019**

3rd Round of Call

Submission Deadline: **28 June 2019**

Notification Deadline: **26 July 2019**

Camera-ready Deadline: **30 August 2019**

Regular Registration: **30 August 2019**

Research Tracks

Track 1: Future e-Health Applications

Track 2: Future e-Health Services

Track 3: Future e-Health Informatics and Analytics

Track 4: Future e-Health Devices and Instruments

Track 5: Future e-Health Supporting Technologies and Systems

Track 6: Future e-Health Innovations

e-Health Tutorials, Workshops and Demonstrations

During the conference, prototypes of future e-Health applications could be demonstrated in the form of hardware, software, and/or video/posters showcasing new and innovative technology. Interested parties from either industry or academia are welcome to contact the conference secretary:

icfeh2019@gmail.com



