



The 2024 Global Digital Health Knowledge Exchange & Empowerment Conference

# 2024 gDigiHealth.KEE Conference



Jointly Organized by

**Global Academy for Digital Health (GA4DH)** and **Al Ain University**

**GA4DH Conference Series**

**Abu Dhabi, UAE**  
**24-26 September, 2024**



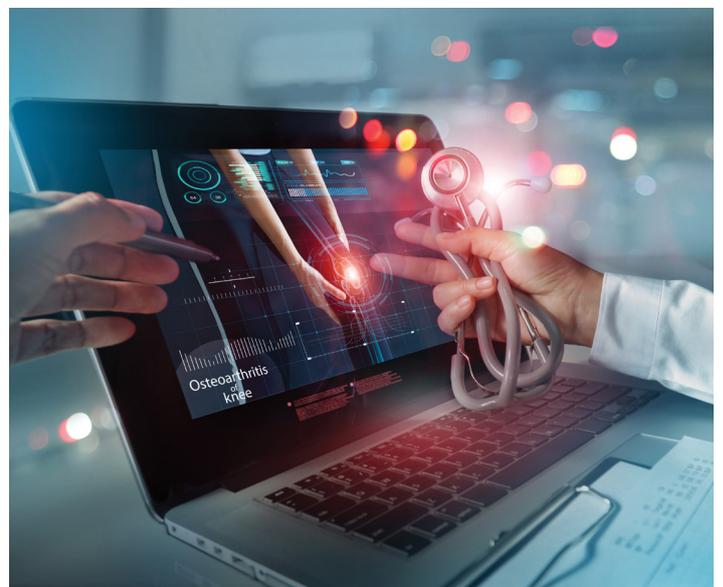
## ABOUT



The [gDigiHealth.KEE](#) Conference is the Annual Global Academy for Digital Health Conference that is envisioned to become a global forum for knowledge exchange of the state-of-the-art research and development in digital health technologies, and for enabling and empowering stakeholders engaged in enriching and enhancing the patient healthcare journey.

The [2024 gDigiHealth.KEE](#) Conference is jointly organized by the Global Academy for Digital Health, UK, and Al Ain University, United Arab Emirates.

Global Academy for Digital Health (GA4DH) defines Digital Health as “the employment of digital technologies to enable and empower healthcare providers, whether people or organizations, to deliver innovative solutions to enrich and enhance the patient healthcare journey”. The [gDigiHealth.KEE](#) conference is inspired by GA4DH’s mission, and accordingly, the conference is aimed at contributing to reducing the healthcare divide amongst nations and people through the employment of digital health technologies.





The 2024 gDigiHealth.KEE Conference seeks to attract distinctive submissions of research papers, doctoral research proposals, and workshops/tutorial proposals in various digital health research and development areas. In particular, the 2024 gDigiHealth.KEE Conference is aimed at addressing unmet needs of digital healthcare strategy and policymakers, and providing accessibility to next generation novel digital healthcare research and development output in the following areas:

<b>AI and the Patient Journey</b>	<b>Digital Pathology Technologies Frameworks, Processes, and Technologies</b>	<b>Radiomics Methods, Processes and Technologies</b>
<b>Epigenetics digital processes, methods, and frameworks</b>	<b>Smart Hospital Frameworks</b>	<b>Digital Health Standards</b>
<b>Quality of Life (QoL) Modelling for NCDs</b>	<b>Data Analytics Methods and Approaches to Digital Healthcare</b>	<b>Digital Healthcare Frameworks for Caring for People with Disabilities</b>
<b>Telemedicine &amp; Intelligent Digital Platforms</b>	<b>Robotics-enabled Surgery</b>	<b>Clinical Cancer Informatics</b>
<b>Digital Tumor Boards, Methods and Technologies</b>	<b>Digital Health Knowledge Management, Methods, and Technologies</b>	<b>Healthcare Quality Governance and Change Management with Digital Health</b>
<b>Information Strategy &amp; Architecture for Digital Health</b>	<b>Process architectural frameworks for Digital Health</b>	<b>Legal, Social, Ethical, and Professional (LSEP) for Digital Health</b>



## CONFERENCE DIGITAL HEALTH WORKSHOPS

The conference will host eight state-of-the-art Workshops entitled:

**AI & Clinical  
Radiology**

**Digital Pathology  
& AI**

**Robotics-Assisted  
Orthopaedic  
Surgery**

**Cancer  
Epigenetics:  
Methods &  
Challenges**

**Smart Hospitals,  
Process  
Architecture  
& Workflow  
Modelling**

**Data Analytics for  
Speech, Language  
& Hearing  
Disorders**

**Digital  
Pharmacovigilance**

**Pharmacy  
Automation  
and Informatics  
Workshop**



## CONFERENCE DIGITAL HEALTH EXHIBITION

Selected key leading international digital health technology providers are being appointed to run an introduction of their innovation in plenary sessions and demonstrate their key digital health technologies products in the state of the art [2024 gDigiHealth.KEE Conference Exhibition](#). Interested leading digital health technology providers can visit the conference Corporate Sponsorship Packages Section.

## CONFERENCE ORGANIZERS

- Global Academy for Digital Health (GA4DH), in partnership with
- Al Ain University, Abu Dhabi, UAE

## CONFERENCE PUBLICATIONS (PROCEEDINGS & SHORTLISTED PAPERS FOR JOURNALS)

- Papers accepted in camera-ready format and presented at the conference will be published in IEEE Xplore and thus they will be Scopus Indexed.
- Shortlisted papers will be selected to be extended for submission to publishing in targeted impactful healthcare journals in relation to the conference gDigiHealth.KEE digital health-specific areas.

## CONTACT DETAILS

For **General Inquiries** regarding the gDigiHealth.KEE Conference, please write to:

- **Faten Kharbat**, Al Ain University, UAE, [faten.kharbat@aaau.ac.ae](mailto:faten.kharbat@aaau.ac.ae)
- **Reema Abu Al-Rub**, Global Academy for Digital Health, UK, [rabualrub@ga4dh.org](mailto:rabualrub@ga4dh.org)

For **Workshops/Tutorials Inquiries of the gDigiHealth.KEE Conference**, please write to:

[info@ga4dh.org](mailto:info@ga4dh.org)

For **Inquiries regarding the gDigiHealth.KEE Conference Exhibition and Sponsoring**, please write to: [info@ga4dh.org](mailto:info@ga4dh.org)

## PROPOSALS AND RESEARCH PAPERS' SUBMISSION

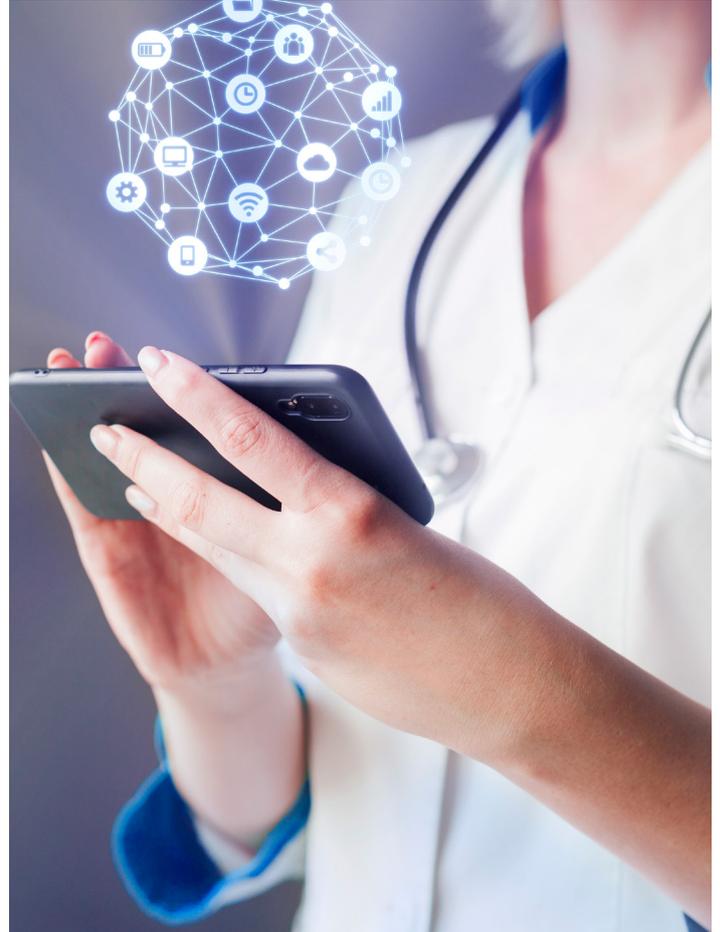
Manuscripts should be prepared in 10-point font using the IEEE 8.5" x 11" two-column format (IEEE Templates). All papers should be in PDF format and submitted electronically at Paper Submission Link. A full paper must not exceed 8 pages (including all figures, tables, and references). Submitted papers must present original, unpublished research not currently under review for any other conference or journal. Papers not following these guidelines may be rejected without review.

Submission of papers can now be found here (Conference Submission System)



## THE gDigiHealth.KEE CONFERENCE DOCTORAL CONSORTIUM

The Doctoral Consortium of the gDigiHealth.KEE conference has been established to become a regular annual forum for candidate Ph.D. students and researchers who are about or in their early stages of planning or undertaking their Ph.D. research journey in digital health. Ph.D. research proposals are encouraged to submit in the areas of the conference 'CALL FOR PAPERS' Section, but are not necessarily limited to these, as long as they fit the focus of digital health research. Submitted Ph.D. research proposals will be reviewed by experienced professors and faculty members who have been engaged in Ph.D. research supervision for many years. Accepted Ph.D. research proposals will be invited to present their research proposals to receive feedback during the conference run from different stakeholders involved in digital health research and are attending the conference. This is anticipated to provide a great and distinctive opportunity for such candidate Ph.D. research students to meet and discuss their research ideas, methods, plans, etc., with researchers with different levels of expertise in related disciplines. Accepted Ph.D. research proposals will be published as extended abstracts in the gDigiHealth conference proceedings.



During the gDigiHealth conference, the Doctoral Consortium will run in two sessions. In the first session, candidate Ph.D. research students will showcase their accepted research proposals in public. Then, in the second session, they will have the opportunity to receive feedback from the designated Ph.D. consortium committee, meet key researchers interested in their research in digital health, engage with other Ph.D. researchers, and develop networking in their designated areas of research interests.

Each submission will be reviewed by at least two senior research academics in the designated field of the submitted Ph.D. research proposal. Accepted proposals will be required to join the gDigiHealth Doctoral Consortium and pay the registration fees of the gDigiHealth.KEE 2024 main conference, but only paying student registration fees.



## CALL FOR SUBMISSION

Candidate or current Ph.D. research students will need to submit, to the gDigiHealth Ph.D. Consortium, a maximum of 6-pages proposal about their doctoral research work using the gDigiHealth.KEE 2024 Conference Submission System found [here](#)

### The Ph.D. Research Proposal should include the following:

- Title of the Ph.D. research work,
- Name of the Ph.D. student, affiliated organisations, and contact details (with email address),
- Research supervisory team, affiliated organisations, and contact details (email address),
- The research aims, objectives, hypotheses, and research questions,
- Research gap analysis, alluding to the anticipated significant novel contributions to knowledge reflecting on extending existing or current research in progress,
- The research methodology and research framework design,
- The integrated research evaluation framework and research case studies,
- Research plan,
- Work in progress and key outcomes attained,
- Acknowledgments of possible contributions and support of industrial and academic partners.

The **deadline for doctoral proposal submission** is **July 1, 2024**.

Selected submissions, with further possible extensions and revisions, will be published in the gDigiHealth.KEE conference main proceeding book as extended abstracts.

## PLAGIARISM POLICY & PUBLICATION ETHICS

gDigiHealth.KEE does not accept plagiarism in submitted research papers, workshop/tutorial proposals, and doctoral consortium proposals. All submissions to the gDigiHealth.KEE Conference will undergo plagiarism check, and suspected submissions will be assessed by the technical programme committee chairs to proceed for peer review or immediate rejection.



## KEY CONFERENCE DATES

<b>Main Track Papers Submission</b>	<b>15/06/2024</b>
<b>Ph.D. Consortium Proposals Submission</b>	<b>01/07/2024</b>
<b>Acceptance Notification of Main Track Papers</b>	<b>15/07/2024</b>
<b>Acceptance Notification of Doctoral Consortium Proposals</b>	<b>10/08/2024</b>
<b>Camera-Ready Papers Submission</b>	<b>01/08/2024</b>
<b>Ph.D. Consortium Proposals Camera Ready Submission</b>	<b>20/08/2024</b>



## CONFERENCE COMMITTEES

### Co-General Chairs:

- Mohammed Odeh, Global Academy for Digital Health, UK.
- Ghaleb Al-Refai, Al Ain University, UAE.

### Technical Programme Co-Chairs:

- Faten Kharbat, Al Ain University, UAE.
- Rana Dajani, Robert Bosch Academy, Germany.

### Conference Advisory Board:

- Ismael Matalqah, President Ras Al Khaimah Medical and Health Sciences University, UAE.
- Hatem HerzAllah, Ex-Chief Eastern Region Prevention & Control, Medical Network Services (now John Hopkins), Saudi Aramco, KSA.
- Nazih Mallat, Vice President for Quality Assurance, Al Ain University, UAE.
- Haythem Bany Salameh, Dean of Scientific Research and Graduate Studies, Al Ain University, UAE.
- AbdulSalam Al Saleh, Consultant Neurologist and Neurophysiologist, NHS, UK.
- Wael Kafienah, Regenerative Medicine, University of Bristol, UK.
- Abdullah KARADAĞ, Life Science VP, TUBITAK Marmara Research Center, Turkey.
- Bassam Hijawii, Public Health Advisor, Jordan Center for Disease Control, Epidemiologist, Jordan.
- Sami Khatib, Consultant Clinical Oncologist and Early Detection, President of Arab Medical Association Against Cancer, Jordan.

## STEERING COMMITTEE

### Founding Members

- Mohammed Odeh, Global Academy for Digital Health, UK.
- Faten Kharbat, Al Ain University, UAE.

### Invited Members 2024 Run

- Ismael Matalqah, Ras Al Khaimah Medical and Health Sciences University, UAE.
- Ibtehal Aburezeq, Al Ain University, UAE.
- Amer Qasim, Al Ain University, UAE.



## WORKSHOPS AND TUTORIAL CHAIRS

- Dina Tbaishat, Zayed University, UAE
- Yazeed Ghadi, Al Ain University, UAE
- Heba Saadeh, University of Jordan, Jordan

## PH.D. CONSORTIUM CHAIRS

- Huseyin Seker, Birmingham City University, UK
- Omer Rana, Cardiff University, UK
- Nasser Al-Shanti, Manchester Metropolitan University, UK
- Qutaibah Al Thebyan, Al Ain University, UAE

## GENERAL ADMINISTRATION COMMITTEE

- Reema Abu Al-Rub, Global Academy for Digital Health, Bristol, UK
- Rand Al-Shafie, Global Academy for Digital Health, Bristol, UK
- Lama Taha, Taha IP, Jordan

## LOCAL ORGANISING COMMITTEE

- Yazan Al Ahmed, Al Ain University, UAE
- Omar Najim, Al Ain University, UAE
- Lina Chehayber, Al Ain University, UAE
- Esraa Hijah, Al Ain University, UAE
- Esra Alnashash, Al Ain University, UAE
- Huda Alheeh, Al Ain University, UAE

## PROGRAMME TRACKS COMMITTEE

- Abdullah KARADAĞ, TUBITAK Marmara Research Center, Turkey
- AbdulRahman Odeh, Birmingham NHS Foundation Trust, UK
- Ali Al-Gharbali, University of Ottawa, Canada
- Anwar Rjoop, University Hospital, University of Science and Technology, Jordan.

- Basam Hammo, Princess Sumaya University for Technology, Jordan
- Dina Tbaishat, Zayed University, UAE
- Faris Al-Dahiyat, Al Ain University, UAE
- Heba Saadeh, University of Jordan, Jordan
- Huseyin Seker, Birmingham City University, UK
- Jamil Razmak, Al Ain University, UAE
- Is'haq Uri, Southmead Hospital, NHS, UK
- Issam Al-Azzoni, Al Ain University, UAE
- Lina Al-Qatawneh, The University of Jordan, Jordan
- Loay Abudalu, Manchester University NHS Foundation Trust, UK
- Ma'n Zawati, McGill University, Montreal, Canada
- Mahmoud Al Balas, Hashemite University, Jordan
- Mario Kossmann, Lilium, Oberpfaffenhofen, Germany
- Mehmet Aydin, University of the West of England, UK
- Mohammad Ghattas, Al Ain University, UAE
- Nasser Al-Shanti, Manchester Metropolitan University, UK
- Nour Al-dain Marzouka, Khalifa University, UAE
- Omer Rana, Cardiff University, UK
- Rana Yousef, University of Jordan, Jordan
- Rana Dajani, Robert Bosch Academy, Germany
- Saqib Iqbal, Al Ain University, UAE
- Thalia Arwai, American University of Beirut, Lebanon
- Wael Kafienah, Bristol University, UK
- Yazeed Ghadi, Al Ain University, UAE