**AHT2022 – virtual event**

**Wednesday 9 November 2022**

**Appropriate Healthcare Technologies for Low Resource Settings**

**Background**

Some factors which may be detrimental to the provision of adequate healthcare in low resource settings include lack of sufficient financial resources, facilities and infrastructure; insufficient and/or inadequately educated and trained staff; lack of test equipment, manuals and spare parts; inappropriate equipment donations; large number of healthcare equipment out of service; unreliable power and water supplies; political instability and war. The need is for appropriate, affordable, sustainable and quality equipment and supplies in both normal and emergency situations.

The emphasis should, where possible, be on Innovation, Design and Engineering. Case studies from the field, including those which experienced serious challenges, or even failure, can be instructive in helping future projects. Some examples of devices presented at previous IET AHT events include anaesthetic ventilators and wearable devices for managing infectious diseases.

AHT2022 aims to bring together those who are motivated to improve the healthcare of those living in low resource settings and who enjoy sharing their projects and collaborating with others, including: engineers and technologists, clinicians, healthcare staff, NGOs, Ministries of Health,, etc. AHT2022 is the latest in a series of IET AHT events which started in 2000.

AHT2022 will consist of 3 webinars, each one timed to suit those living in Asia, Europe or The Americas, although attendees will be welcome to attend all 3 because the contents will be different.

**Possible topics include (but are not limited to):**

* innovative design of AHT devices and technologies
* digital health including m-health
* e-health
* AI and medical informatics
* medical laboratory technology
* local manufacture of medical and laboratory devices
* hospital technology management (HTM)
* training
* appropriate equipment donations
* alternative energy sources
* appropriate patient transport to hospitals and health centres
* links between healthcare facilities in industrialised countries and low resource settings
* monitoring and supply of oxygen
* challenges for healthcare technology in conflict situations

 **Call for abstracts process**

1. Please submit a written abstract outlining the scope and aim of your video presentation. Your abstract should be no more than 500 words.
2. Email your abstract to Gemma Hadley at GHadley@theiet.org by **Friday 22 July 2022.** Abstracts received after this date cannot be accepted.
3. Authors will be notified of their success by **22 August 2022.**
4. If your abstract is accepted, you will then be invited to submit a short video presentation. The IET.tv team will be in touch to record these with you at a suitable date/time.
5. Video presentations will need to be recorded by **Friday 30 September 2022.**
6. Videos will be made available for public view on **Monday 24 October 2022.**
7. Presenters will be invited to attend a live question and answer session on **Wednesday 9th** **November 2022.** Please ensure that you are available on this date.

**Future possibilities for publications**

The proceedings of Appropriate Healthcare Technologies for Low Resource Settings (AHT2022) conference (virtual event) will be published in the IET Digital Library and IEEE Xplore and indexed in IET Inspec, Ei Compendex and Scopus.

 The authors of the selected papers that are presented at AHT2022 will be invited to expand their submissions for consideration in a Special Issue of [*Healthcare Technology Letters*](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fietresearch.onlinelibrary.wiley.com%2Fjournal%2F20533713&data=05%7C01%7CGHadley%40theiet.org%7C7d186530d1a5433617ec08da47abb339%7C37f807baaa3943e38018abddb6f7781c%7C0%7C0%7C637901100006840587%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=U66rJyesS36lIYhv2IW1YtVHxO4gQluLG285CpLcVUs%3D&reserved=0)

For further information please visit [the event page](https://events.theiet.org/events/appropriate-healthcare-technologies-for-low-resource-settings-aht2022/)

**Videos of the presentations made at our previous AHT event AHT2020 can be found at:**

<https://tv.theiet.org/?event=6804>

If you have any additional queries please contact Community Manager, Gemma Hadley.

Posted by: Len Cornish

Member, AHT2022 Organising Committee;

Member, Technical Advisory Panel, IET Healthcare Technologies Network

12 June 2022