



2022 IEEE 4th Global Conference on Life Sciences and Technologies



LifeTech 2022

March 7-9, 2022
Senri Life Science Center
Osaka, Japan

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Call for Papers

The 2022 IEEE Global Conference on Life Sciences and Technologies (LifeTech 2022) is a newly launched annual international conference sponsored by IEEE Life Sciences Technical Community since 2019. LifeTech 2022 will bring together top technical professionals from the life science industry and academia, to exchange information and results of state-of-the-art work on systems, devices, technologies, processes, and applications. Attending LifeTech 2022, researchers, system developers, and service providers will be able to share their ideas, designs, and experience in emerging technologies. Please join and experience the powerful synergistic effects of LifeTech 2022!

Topics & Keywords

LifeTech 2022 is asking for submissions of technical papers for Oral and Poster/Demo presentations. Student papers and WIE papers are particularly encouraged.

- # **Student papers**: Their first authors and presenters are students.
- # **WIE papers**: Their first authors and presenters are women.

Papers reporting new developments, applications, and scientific knowledge with engineering approaches in all areas of Life Sciences are welcomed. The topics of interest to be covered by LifeTech 2022 include, but are not limited to,

Bio Technologies, Healthcare, Medical Technologies, User Interface, Design methodologies, Welfare Technologies, Enabling Device, Enabling Technologies, etc.

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Important Dates [JST]

Entry (Title, authors, abstract):	December 27, 2021
2-page Paper Submission:	January 7, 2022
Acceptance Notification:	January 23, 2022
Final Paper Submission:	January 28, 2022
Conference:	March 7-9, 2022

For more information: <http://www.ieee-lifetech.org>

Ver. 3.00

Topics & Keywords

The topic covered by LifeTech 2022 include, but are not limited to,

Bio Technologies

Biosensor technologies, Bio-signal processing, Biosensor based mobile health apps, Bioinformatics, Biometrics, Synthetic biology

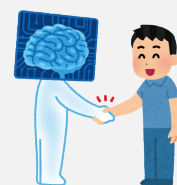


Healthcare

Virtual reality in healthcare, IoT for healthcare, Big Data for healthcare

Medical Technologies

Virtual reality in medicine, IoT for medicine, Big Data for medicine, Medical control systems, Electronic medical records

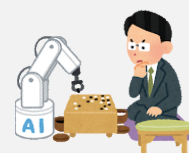


User Interface

Brain-computer interfaces, Wearable sensors and devices, Human factors/Ergonomics, Human errors and Psycho-physiology, Kansei engineering/Affective engineering

Design methodologies

Human centered design/Universal design, Design methodologies and app development



Welfare Technologies

Welfare Technologies, Rehabilitation and assistive technologies, Assist service for enable/handicap

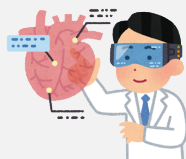
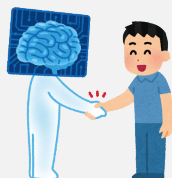
Enabling Device

Smart devices and technologies, Smart garments/textiles, Home electrical appliance for cosmetics/beauty, Point of Care devices



Enabling Technologies

Imaging technologies and processing, Data preprocessing, cleansing, management, mining, and integration, Point of Care technologies, Security and privacy, Deep learning and pattern recognition, Energy harvesting/scavenging technologies, Wireless communication and networking, Social implications of technologies, Power assist and Robotics



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