IEEE
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IEEE **lifesciences**

2020 IEEE 2nd Global Conference on Life Sciences and Technologies

LifeTech 2020

March 10-12, 2020
Mielparque Kyoto,
Kyoto, Japan

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Call for Papers

The 2020 IEEE 2nd Global Conference on Life Sciences and Technologies (LifeTech 2020) is a newly launched annual international conference sponsored by IEEE Life Sciences Technical Community since 2019.

LifeTech 2020 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 2020, 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 2020!

Topics & Keywords

LifeTech 2020 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 in all areas of Life Sciences are welcome. The topics of interest to be covered by LifeTech 2020 include, but are not limited to,

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

Sponsor
IEEE Life Sciences Technical Community;

- Circuits and Systems Society
- Consumer Electronics Society
- Control Systems Society
- Engineering in Medicine and Biology Society
- Signal Processing Society
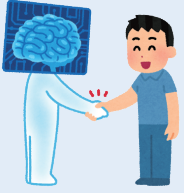- Society on Social Implications of Technology Society

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Important Dates (JST)

Organized Session Proposal	*November 30, 2019*	
2-page Paper Submission:	*December 20, 2019*	
Acceptance Notification:	*January 20, 2020*	
Final Paper Submission:	*January 31, 2020*	
Conference:	*March 10-12, 2020*	

Topics & Keywords

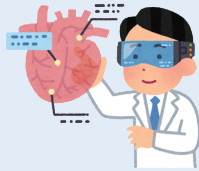The topics covered by LifeTech 2020 include, but are not limited to,

Bio Technologies
Biosensor technologies, Bio-signal processing, Biosensor based mobile health apps, Bioinformatics, Biometrics, Synthetic biology
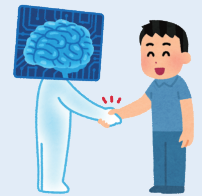
Healthcare
Virtual reality in healthcare, IoT for healthcare, Big Data for healthcare

Medical Technologies
Virtual reality in medicine, IoT for medicine, Big Data for medicine, Medical control systems, Electronic medical records
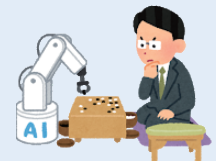
User Interface
Brain-computer interfaces, Wearable sensors and devices, Human factors/Ergonomics, Human errors and Psycho-physiology, Kansei engineering/Affective engineering

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

LifeTech 2020 Welcomes Organized Session Proposals!

LifeTech 2020 welcomes Organized Session (OS) proposals which are related to up-to-date and cross-field topics, except Regular Session Topics. Please fill out the Proposal Form on the web and send us at support@ieee-lifetech.org!

LifeTech 2020 Accepted Organized Sessions:
OS-AIP: Advanced Image Processing for Life Science & Technologies
OS-AIT: Advanced Image Technology in Applied Life Science: IoT & Deep Learning Perspectives
OS-BIO: Biomedical Data Processing & Its Applications to Multimedia
OS-DTS: Digital Technology for Seniors & the Elderly
OS-IDS: Innovative Design related to Smart Home Technology
OS-ITM: Intelligent Techniques for Multimedia Communications
OS-SHL: Sensing Technologies & Applications for Human Life Support