



2021 IEEE 3rd Global Conference on Life Sciences and Technologies

LifeTech 2021

March 9-11, 2021
First Permanent Capital Nara Japan



The 2021 IEEE 3rd Global Conference on Life Sciences and Technologies (LifeTech 2021) is a newly launched annual international conference sponsored by IEEE Life Sciences Technical Community since 2019. LifeTech 2021 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. Please join and experience the powerful synergistic effects of LifeTech 2021!

Founder & Director
Tomohiro Hase, JP

Conference Chair
Kazuyuki Kojima, JP

Conference Co-Chair
Stefan Mozar, AU

TPC Chairs
Carole Carey, US
Donna Hudson, US
Luis Kun, US
Chris Lee, TW
Takako Nonaka, JP

Publication Chair
Wataru Uemura, JP

Treasurer
Thi Thi Zin, MM

Chief Secretary
Yoshiaki Koga, JP

Contact
support@ieee-lifetech.org

URL
www.ieee-lifetech.org

LifeTech goes Hybrid! Real & Virtual

The conference will be held in both Real & Cyber spaces!

LifeTech 2021 is asking for submissions of technical papers for **Oral** and **Poster/Demo** presentations. **Student papers** and **WIE papers** are particularly encouraged.

Topics & Keywords

Papers reporting new developments in all areas of Life Sciences are welcome. The topics of interest to be covered by LifeTech 2021 include, but are not limited to,

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

The details are shown on the reverse side of this paper.

Sponsors



The Institute of Electrical and Electronics Engineers, Inc.



IEEE Life Science Technical Community

LSTC sponsoring societies



CAS



IEEE CTSoc
CONSUMER TECHNOLOGY SOCIETY



EMB



CSS



IEEE Signal Processing Society

LSTC supporting societies



SSIT

Supporting societies



Human Interface Society



The Institute of Electrical Engineers of Japan



The Institute of Electronics, Information and Communication Engineers



The Illuminating Engineering Institute of Japan



The Institute of Image Information and Television Engineers



The Information Processing Society of Japan



The Japan Ergonomics Society



Japan Society of Kansei Engineering



The Japan Society of Mechanical Engineers



Japanese Society for Medical and Biological Engineering



The Society of Instruments and Control Engineers

Important Dates [JST]

Organized Session Proposal	November 30, 2020 October 31, 2020	Final Paper Submission:	February 8, 2021 January 15, 2021
2-page Paper Submission:	January 10, 2021 November 30, 2020	Conference:	March 9-11, 2021
Acceptance Notification:	January 25, 2021 December 15, 2020		

Topics & Keywords

The topics covered by LifeTech 2021 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 2021 Welcomes Organized Session Proposals!

LifeTech 2021 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!