

MACHINE LEARNING AND INTERNET OF THINGS FOR COVID-19

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DESCRIPTION

The recent COVID-19 pandemic has affected the entire world, changing the lives of almost every person on Earth. There are big questions to be answered, not only as an immediate response to the pandemic crisis, but also in a larger perspective, for the better understanding of the nature of the pandemic and how societies may respond to it, as well as to potential future crises. Forecasting and planning are of utmost importance. With that in mind, Open Computer Science seeks submissions to this special issue on the latest developments in computer science in response to COVID-19. We invite authors to submit their solutions that are innovative, yet provide practical insights for policy makers, managers, health care providers, organizations, and the entire society. All levels of analysis are welcome, from individual to global, involving all aspects and areas of life that have been affected by the crisis, including public health modelling, detection and forecasting of outbreaks, through to economic trade implications. The special issue will be a collection of manuscripts to address the diagnosis, characterization, and epidemiology of COVID-19. We encourage all COVID-19 submissions and we will expedite the publication of accepted manuscripts.

The topics of interest are not limited to but include the following:

- ▶ Digital technologies and their impact on public-health strategies
- ▶ Monitoring of COVID 19
- ▶ Surveillance of COVID 19
- ▶ Detection and prevention of COVID-19
- ▶ AI for detection and diagnosis of COVID-19
- ▶ Deep learning for the detection and diagnosis of COVID-19.
- ▶ Screening test using Machine learning
- ▶ Remote monitoring using IoT
- ▶ Treatment using IoT based tools
- ▶ Medical Imaging algorithms for Diagnosis
- ▶ Drug delivery using IoT
- ▶ Mathematical modelling of COVID-19
- ▶ Prediction and monitoring of the disease spread

The authors are requested to submit their full research papers complying with the general scope of the journal. The submitted papers will undergo a peer review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

HOW TO SUBMIT

Before submission authors should carefully read the Instruction for Authors:
www.degruyter.com/view/supplement/s22991093_instruction_for_authors.pdf

Manuscripts can be written in TeX, LaTeX (strongly recommended) - the journal's LATEX template. Please note that we do not accept papers in Plain TEX format. Text files can be also submitted as standard DOCUMENT (.DOC) which is acceptable if the submission in LATEX is not possible. **For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file.**

All submissions to the Topical Issue must be made electronically via online submission system Editorial Manager: www.editorialmanager.com/opencs/

All manuscripts will undergo the standard peer-review procedure (single blind, at least two independent reviews). When entering your submission via online submission system please choose the article type "**ML and IoT for COVID-19**".

Submissions to the Special Issue are now open !!!

Individual papers will be reviewed and published online on an ongoing basis.

Important dates (approx.):

Deadline for submissions: June 15, 2020

1st round of acceptance notification: July 15, 2020

Submission of revised papers: July 31, 2020

2nd round of acceptance notification: August 15, 2020

Publication online: August 31, 2020

Contributors to the Topical Issue will benefit from:

- ▶ **NO submission and publication FEES**
- ▶ **indexation by Clarivate Analytics - Web of Science (ESCI) and Elsevier - SCOPUS**
- ▶ fair and constructive peer review provided by experts in the field
- ▶ **no space constraints**
- ▶ convenient, web-based paper submission and tracking system – Editorial Manager
- ▶ fast online publication upon completing the publishing process
- ▶ better visibility due to **Open Access**
- ▶ **long-term preservation** of the content (articles archived in Portico)
- ▶ extensive post-publication promotion for selected papers

We are looking forward to your submission!!!

In case of any question please contact

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