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(Eds.)

Proceedings of the 3rd International Conference on
Informatics & Data-Driven Medicine (IDDM 2020)

Växjö, Sweden

November, 2020

This volume represents the proceedings of the 3rd International Conference on Informatics & Data-Driven Medicine, held in Växjö, Sweden, in November, 2020. It comprises 50 contributed papers that were carefully peer-reviewed and selected from 102 sub-missions.

Preface

It is our pleasure to present you the proceedings of 3rd International Conference on Informatics & Data-Driven Medicine, held in Växjö, Sweden on November 19-21, 2020.

The main purpose of the IDDM workshop is a discussion of the recent research results in all areas of Computer Sciences in Medicine, Medical Data Retrieval, Finding the Hidden Associations within the full set of data and Intelligent Systems Development.

The conference is soliciting literature review, survey and research papers comments including, whilst not limited to, the following areas of interest:
- Bioinformatics for Healthcare Applications
- Analysis and Prediction for Covid'19 Data
- Big Data and IoT in Medical Applications
- Medical Image Processing
- Deep Learning Models in Healthcare and Biomedicine
- Machine Learning Approaches for Medicine
- IT-enabled Healthcare Services
- Complex Health Monitoring Systems

The conference joined scientists from Ukraine, Germany, Austria, Sweden, Slovak Republic, Poland, Egypt and the Netherlands together with practical doctors.

The language of IDDM Conference is English.

Due to the COVID'2019 pandemic, IDDM conference took the form of online-presentation by invited keynote speakers plus presentations of peer-reviewed individual papers.

The Organizing Committee received 102 submissions, 51 out of which were accepted for presentation including 1 abstract as a short and regular papers. These papers except 1 that was not shown during the conference were published in this volume of IDDM 2020 proceedings.

The workshop would not have been possible without the support of many people. First, we would like to thank our partners Ukrainian Regional Chapter of the International Neural Network Society, the Central European Initiative. We would like to thank the General and Program Chairs, organization staff, the members of the Technical Program Committees and external reviewers for their excellent and tireless work. We sincerely wish that all attendees benefited scientifically from the conference and wish them every success in their research. It is the humble wish of the conference organizers that the professional dialogue among the researchers, scientists, engineers and doctors continues beyond the event and that the friendships and collaborations forged will linger and prosper for many years to come.

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http://www.lp.edu.ua/en

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https://lnu.se/en/

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https://www.cei.int/

Public organization "Ukrainian scientific and educational IT society"

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