Международная конференция IEEE 2021 SIST
Интеллектуальные информационные системы и технологии

28-30 апреля 2021 г.
Город Нур-Султан, Казахстан

Уважаемые коллеги, мы рады пригласить вас на Конференцию!

Министерство Цифрового Развития, Инноваций и Аэрокосмической Промышленности Республики Казахстан, Министерство Образования и Науки Республики Казахстан, Образовательный фонда имени Нурсултана Назарбаева и Национальный инфокоммуникационный холдинг «Зерде» совместно с Astana IT University приглашает Вас принять участие в **2021 IEEE International conference on Smart Information Systems and Technologies (SIST)**, которая состоится 28-30 апреля 2021 г. в городе Нур-Султан, Казахстан. Техническим спонсором мероприятия выступает IEEE Ukraine Section.

Основные темы:
1. Technology and Engineering Management;
2. IT in Education and Research;
3. Emerging Trends and Technologies in IT Application;
4. Data Science and Advanced Analytics.

Все принятые статьи будут представлены в IEEE для публикации на IEEE Xplore и будут проиндексированы в БД Scopus, Web of Science. Для подачи статьи используется система https://cmt3.research.microsoft.com/. Правила оформления статьи имеются по ссылке https://sist.astanait.edu.kz/?page_id=368. Для получения более подробной информации о правилах конференции просим пройти по ссылке: https://sist.astanait.edu.kz.

Данная конференция станет значимым событием в научном обществе страны, на котором будут присутствовать предприниматели, ученые, исследователи, специалисты и студенты из разных отраслей IT-сектора из ближнего и дальнего зарубежья.

Важные даты:
Срок подачи статьи: **31 января 2021 г.**
Подтверждение об участии: **28 февраля 2021 г.**
Финальная версия статьи: **31 марта 2021 г.**

Сроки проведения конференции:
28-30 апреля 2021 г.
Место проведения: в смешанном онлайн и оффлайн формате.
Astana IT University, Нур-Султан, Казахстан

Регистрационный взнос:

Участие в конференции / IEEE Member	$195 / $155
СНГ, Развивающиеся страны (list) / IEEE Member	$75 / $50
Сотрудники организатора конференции	$25
Студент, магистрант, PhD докторант	$20

2020 IEEE International Conference on Smart Information Systems and Technologies (SIST)

28-30 April 2021
Nur-Sultan, Kazakhstan

Dear colleagues, we are pleased to invite you to the Conference!

Ministry of Digital Development, Innovations and Aerospace Industry of the Republic of Kazakhstan, Ministry of Education and Science of the Republic of Kazakhstan, Nursultan Nazarbayev Educational Foundation, JSC "National ICT Holding "Zerde" jointly with Astana IT University invites you to submit your papers and attend **2021 IEEE International Conference on Smart Information Systems and Technologies (SIST)** which will take place in Nur-Sultan, Kazakhstan on 28-30 April 2021. The technical sponsor of the event will be IEEE Ukraine Section.

The core topics are:
1. Technology and Engineering Management;
2. IT in Education and Research;
3. Emerging Trends and Technologies in IT Application;
4. Data Science and Advanced Analytics.

All accepted and presented papers will be submitted to IEEE for publication at IEEE Xplore and indexed in Scopus, Web of Science. For papers upload please use Microsoft Conference Management Tool https://cmt3.research.microsoft.com/. The paper guidelines are given in https://sist.astanait.edu.kz/?page_id=368. For detailed information please visit the conference website https://sist.astanait.edu.kz.

This conference will become significant event in the scientific society of the country, on which there will be present business people, scientists, researchers, specialists and students from different industries of IT industry from near and far abroad.

Important Dates:
Paper submission deadline: **January 31, 2021**
Acceptance Notification: **February 28, 2021**
Camera Ready submission (paper and author's rights): **March 31, 2021**

Conference Dates:
28-30 April 2021

Venue: Mixed online and offline format.
Astana IT University, Nur-Sultan, Kazakhstan
av. Mangilik Yel, C1. EXPO Pavilion.

Registration Fees:

Full Conference/ IEEE Member	$195 / $155
CIS, Developing Countries (list) / IEEE Member	$75 / $50
Conference organisers affiliation	$25
Student (Bachelor's, Master's, PhD students)	$20

Regards,
Conference Organizing Committee,
SIST 2021 science@astanait.edu.kz

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1. Technology and Engineering Management
Digital Innovation Management
• Smart Services and Software Platforms
• Sustainable Engineering
• Future Mobility & Smart Mobility
• Research and Innovation in Creative Industries
• Business process management, re-engineering and modelling
• Rethinking Project Management
• Metadata and public standards
• Business Models and Economics of Community and Rural Wireless Networks
• Internet as base of distributed business models
• Location and Context Management
• Data Science and Business Intelligence
• Scientific fundamentals of e- and m-Commerce
• Digital Project Management
• Digital transformation

2. IT in Education and Research
Human-Computer Challenge and Interaction
Public Access to Information and Globalization
Different Approaches to Implementation of IT in S&T Education
Industry-University Partnership
Knowledge Management in e-Learning
Virtual Classrooms, and Universities
Learning & Content Management Systems
Gender equality in STEM
Mobile Learning Applications
e-Learning Platforms and Tools
Information Technologies in Management and Administration
Technological entrepreneurship

3. Emerging Trends and Technologies in IT Application
Web-based system
Human-computer interaction
Green IT Technologies
Virtualization Concept
Social Applications
GIS and Remote Sensing
Distributed and Parallel Computing
Information System Tools, Standards, Architectures, Platforms
Advanced database and Web Applications
Cloud Computing
Edge Computing
Distributed Processing
Decision Support Systems
Concepts and Development of Information Systems
New SPI Models: SaaS, PaaS, IaaS, CaaS, XaaS
Location and mobility semantics
Social Network Analysis Methods and Applications
Context-aware Computing and Location-based Services
Web2 and Web3 new development paradigm
Web Ontology and Development
Semantic Web: Concepts, Technologies and Applications
Augmented Reality
Service Oriented Architecture

4. Data Science and Advanced Analytics
Advanced Statistical Analytics
• Software Techniques and Architectures in Cloud/Grid/Stream Computing
• Domain-Specific Applications of Data Analytics
• Programming Models and Environments for Cluster, Cloud, and Grid Computing to Support Big Data
• New Computational Models for Big Data
• Data Visualization at Scale
• Forecast of Time Series
• Game Data Science
• Big Data Open-Source Platforms
• Software Systems to Support Big Data Computing • Data Management in the Social Web
• Large-Scale data Management and Analysis
• Big Data and Mobility
• Big Data Analytics in Government, Public Sector and Society in General
• Complex Big Data Applications in Various Areas • Data-intensive Computing and Map Reduce
• Pattern Recognition and Machine Learning
• Deep Learning for Communication Networks
• Information Theory for Knowledge Models.
• Computing and Metaheuristics
• Computer Linguistics.

All accepted and presented papers will be indexed in Scopus and Web of Science.