

2nd International Conference on

Artificial Intelligence & Software Engineering

دومین کنفرانس بین المللی
هوش مصنوعی و
مهندسی نرم افزار



AI-SOFT 2024

24-26 December 2024 ۱۴۰۳ دی ماه ۶-۴

- Artificial Intelligence and Robotics
- Data Science and Engineering
- Medical Engineering
- Cyber Security
- Information Technology
- Distributed Computing
- Neuromorphic Computing
- Project Management Software
- Software Testing & Maintenance
- Algorithms & Computational Theories

- هوش مصنوعی و رباتیک
- مهندسی و علوم داده
- مهندسی پزشکی
- امنیت سایبری
- فناوری اطلاعات
- محاسبات توزیع شده
- محاسبات نورومورفیک
- مدیریت پروژه های نرم افزاری
- توسعه، نگهداری و ارزیابی نرم افزار
- الگوریتم ها و تئوری های محاسباتی

- Paper Submission Deadline: 21-Oct-2024
- Special Session proposal: 22-Sep-2024
- Workshop Proposal: 5-Nov-2024
- Paper Acceptance Notification: 20-Nov-2024

- ارسال مقالات: ۳۰ مهر ماه ۱۴۰۳
- ارسال پروپوزال نشست ویژه: ۱ مهر ماه ۱۴۰۳
- ارسال پروپوزال کارگاه: ۱۵ آبان ماه ۱۴۰۳
- اعلام نتایج داوری: ۳۰ آبان ماه ۱۴۰۳



دبیرخانه:
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2nd International Conference on Artificial Intelligence and Software Engineering



Application of Artificial Intelligence in Medicine

December 24, 2024

Lecturer	Affiliation	Title of lecture	Time
Dr. Shahram Paydar	Associate Professor of Surgery Department of Orthopedics, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Human-Robot Interaction in the Surgery: How Surgeons and Medical Robots Can Work Together	8:30-8:50
Dr. Mehrzad Lotfi	Professor of Radiology Department of Radiology, Shahid Faghihi Hospital, Shiraz University of Medical Sciences, Shiraz, Iran	Chairman- Artificial Intelligence for Medical Image Analysis	8:50:9:10
Dr. Seyed Basir Hashemi	University President-Professor of Otolaryngology Department, Faculty of Medicine, Shiraz University of Medical Sciences,	capabilities and capabilities of Shiraz University of Medical Sciences in the field of artificial intelligence	9:10-9:30
Dr. Abdolkhalegh keshavarzi	Vice President of Management and Resource Development - Professor of Burn Surgery Department of Surgery, Faculty of Medicine, Shiraz University of Medical Sciences	The Use of Artificial Intelligence in Diagnosis and Treatment Guidance in Medicine	9:30-9:50
Dr. Amir Savar-Dashtaki	Assistant Professor of Medical Biotechnology Department of Medical Biotechnology, School of Advanced Medical Sciences and Technologies, Shiraz University of Medical Sciences, Shiraz, Iran	Application of Artificial Intelligence in the Diagnosis of Autoimmune Diseases	9:50-10:10
Summary of the first panel of artificial intelligence in medicine			10:10-10:30

Rest				10:30-11:00
Dr. Homeira Vafaei	Professor of Perinatology	Maternal-Fetal Medicine Research Center, Shiraz University of Medical Sciences, Shiraz, Iran.	Artificial Intelligence in Obstetrics	11:00-11:20
Dr. Saeed Alborzi	Professor of Laparoscopic Surgery	Department of Obstetrics and Gynecology, School of Medicine, Laparoscopy Research Center, Shiraz University of Medical Sciences, Shiraz, Iran	Application of Artificial Intelligence in Endometriosis	11:20-11:40
Dr. Hamid Mohammadi	Associate Professor of Pediatric Cardiology	Department of Pediatrics, School of Medicine, Shiraz University of Medical Sciences	NLP for cardiovascular diseases	11:40-12:10
Dr. Seyed Jalil Masoumi	Professor of Clinical Nutrition	Department of Clinical Nutrition, Faculty of Nutrition and Food Sciences, Shiraz University of Medical Sciences	Artificial Intelligence and Patient Nutrition	12:10-12:30
Dr. Babak Sabet	Associate Professor of Surgery	Department of Surgery, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran Official member of Iran artificial intelligence board Vice President of Academic Affairs, University of Smart Medical Sciences	An Overview of the Applications of Artificial Intelligence in Robotic Surgery	12:30-12:50
Dr. Majid Akrami	Associate Professor of Surgery	Breast Diseases Research Center, Shiraz University of Medical Sciences, Shiraz, Iran.	Artificial Intelligence in Diagnosing and Improving the Results of Onco-Surgery	12:50-13:00
Summary of the first and second panels of artificial intelligence in medicine				13:00-13:30



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Application of Artificial Intelligence in Pharmaceutical Sciences and Advanced Medical Technologies

December 25, 2024

Lecturer	Affiliation	Title of lecture	Time
Dr. Younes Ghasemi	Professor of Pharmaceutical Biotechnology Department of Pharmaceutical Biotechnology, Shiraz University of Medical Sciences, Shiraz, Iran	Pharma 4.0	8:30-8:50
Dr. Manica Negahdaripour	Assistant Professor of Pharmaceutical Biotechnology Department of Pharmaceutical Biotechnology, School of Pharmacy, Shiraz University of Medical Sciences, Shiraz 71348, Iran	Leveraging Artificial Intelligence in Vaccine Development	8:50-9:10
Dr. Mohammad-Javad Khoshnoud	Vice President of Food and Drug - Professor of Pharmacology and Toxicology Department of Pharmacology Toxicology, School of Pharmacy, Shiraz University of Medical Sciences	Artificial Intelligence and Related Legal Issues in the Field of Pharmaceutical Sciences	9:10-9:30
Dr. Soroush Sardari	Professor of Medical Biotechnology Drug Design and Bioinformatics Unit, Medical Biotechnology Department, Biotechnology Research Center, Pasteur Institute of Iran, 13198, Tehran, Iran	Progressive AI Strategies in Drug Design	9:30-9:50
Dr. Hamid Soltanian Zadeh	Professor of Electricity: System and Bioelectricity of Control and Intelligent Processing Center of Excellence (CIPCE), School of Electrical and Computer Engineering, College of Engineering, University of Tehran	Artificial Intelligence Techniques for Development and Prescription of Pharmaceuticals	9:50-10:10
Dr. Amir Savar-Dashtaki	Assistant Professor of Medical Biotechnology Department of Medical Biotechnology, School of Advanced Medical Sciences and Technologies, Shiraz University of Medical Sciences, Shiraz, Iran	Application of Artificial Intelligence in the Design and Production of New Antibiotics	10:10-10:30

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Artificial Intelligence in Healthcare

December 26, 2024

Lecturer	Affiliation	Title of lecture	
Dr. Arvin Hedayati	Assistant Professor of Psychiatry	Research Center for Psychiatry and Behavioral Sciences, Department of Psychiatry, Hafez Hospital, Shiraz, Iran.	Application of Artificial Intelligence in Medical Education 8:30-8:50
Dr. Arash Mani	Professor of Cognitive Neuroscience	Research Center for Psychiatry and Behavioral Sciences, Shiraz University of Medical Sciences, Shiraz, Iran	Artificial Intelligence in Psychiatry Diagnosis 8:50:9:10
Dr. Ali Mohammadi	Associate Professor of Psychiatry	Research Center for Psychiatry and Behavioral Sciences, Shiraz University of Medical Sciences, Shiraz, Iran	Artificial Intelligence in Psychiatry Therapy 9:10-9:30
Dr. Kamran Bagheri Lankarani	Chairman - Professor of Internal Medicine and Head of Health Policy Research Center	Department of Internal Medicine, Shiraz University of Medical Sciences. Health Policy Research Center, Health Institute, Shiraz University of Medical Sciences, Shiraz, Iran	Artificial intelligence in health management and policy making 9:30-9:50
Dr. Kourosh Azizi	Senior Advisor and Deputy President of the University - Professor of Medical Entomology and Vector Control	Department of Biology & vector control of diseases, School of Health, Shiraz University of Medical Sciences,	Application of Artificial Intelligence in Health and Microbial Diseases 9:50-10:10
Dr. Owrang Eilami	Vice President of Health, Associate Professor of Infectious Disease	Department of Family Medicine, School of Medicine, Shiraz University of Medical Sciences	The Need for Telehealth and Tele-Education in Optimizing Measles Surveillance and Reducing Healthcare Costs 10:10-10:30
Dr. Mohammad-Reza Samaei	Vice Chancellor for Cultural and Student Affairs- Professor of Environmental Health Engineering	Department of Environmental Health Engineering, School of Health, Shiraz University of Medical Sciences	Applications of Artificial Intelligence in Environmental Health Engineering 10:30-10:50