INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:
Artificial Intelligence Innovation in Daily Life

Name, Title and Affiliation of Chair:
Dr. Hadi Saleh,
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Department of Software Engineering, Moscow, Russian Federation

Details of Session (including aim and scope):

Artificial intelligence is an essential part of the XXI century; new technologies become assistants in everyday life, and sometimes come to replace humans. There are a lot more developments to follow in the upcoming years, redefining the way the world operates. So, let's take a look at the Innovation in Daily Life which we can gain from Artificial Intelligence, analyse the current state of affairs, and discover future perspectives of its evolution.
Artificial intelligence has various fundamental applications, but we still need to consolidate a strategy for implementation and evaluation new solutions based on AI.
The session will focus on:
- Virtual Assistants and Chatbots based on machine learning;
- Autonomous Vehicles and Aircraft based on machine learning;
- Healthcare and Medical Imaging Analysis based on machine learning;
- Natural Language Processing based on machine learning;
- Object Detection and Recognition based on machine learning.
- Face and Emotion Recognition based on machine learning;
- UI/UX Testing based on machine learning;
- Machine Learning Algorithms for social media analysis;
- Email Analyzing and Response Generation Based on Machine Learning;
- Extracting Information from Template-Based Documents;
- Object Distance Estimation and Collision Warning;
- Optical Flow Estimation based on Deep Learning Approaches;
- Social Network Monitoring and User Audience Analysis System;
- Investors Consulting based on Machine Learning;
- Recyclable Waste Classification based on Machine Learning;
- Dataset Generation for Machine Learning Models;
- Fingers Gesture Recognition based on Machine Learning.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):
https://cs.hse.ru/en/dse/

https://cs.hse.ru/en/big-data/yandex/

https://www.hse.ru/en/ma/datasci/

Website URL of Call for Papers (if any):

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