



ZAJEDNIČKI SEMINAR ZCI QuantiXLie i HBD

23.07.2019., utorak, 15:00 sati (točno)

PMF-Fizički odsjek, Bijenička cesta 32, Predavaonica F-201

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DeepHearing, founder & CTO

Deep learning application to understand hearing mechanism

Human hearing shows a great performance. Human can recognize short-time signal like a consonant with great accuracy and can recognize speech in the presence of loud noise. Here, we introduce our understanding how these are possible and demonstrate them through our experiments. While peripheral auditory systems are mimicked by biomimetic membrane, central auditory system is realized through deep neural networks. Through efficient deep learning methods, I will demonstrate how these devices are realized as a real-time on-device AI hearing system.

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Znanstveni centar izvrsnosti
za kvantne i kompleksne sustave te
reprezentacije Liejevih algebri

Projekt KK.01.1.1.01.0004

Projekt je sufinancirala Europska unija iz
Europskog fonda za regionalni razvoj.
Sadržaj ovog seminara isključiva je
odgovornost Prirodoslovno-matematičkog
fakulteta Sveučilišta u Zagrebu te ne
predstavlja nužno stajalište Europske unije.



Europska unija
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Operativni program
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