Can we defeat Google Translate?

Krzysztof Jassem

Adam Mickiewicz University, Poznań

The talk aims at answering the question: "Can we design a computer program that translates texts with higher accuracy than Google Translate if we join forces of linguists and AI specialists?"

The current research in the field of machine translation focuses on using artificial neural networks. The neural networks apply a black-box approach: you deliver data into the box and withdraw the translation from it. No person can interfere into the processses inside the box. This might be frustrating when the translation does not meet our expectations.

The lecture will present some ideas on how to make a hole in the black in order to get inside and adapt machine translation to human needs.