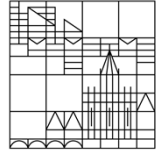


# Physikalisches Kolloquium

Universität  
Konstanz



Di 21.11.17  
15:15 Uhr  
14:45 Uhr, Kaffee/Tee  
R 513



**Prof. Dr. Wolfgang Ertel**  
Institut für Künstliche Intelligenz  
Hochschule Ravensburg-Weingarten

## Artificial Intelligence - recent scientific progress and its impact on the society

Self driving cars, service robots and smart homes - all applications of Artificial Intelligence (AI) - will lead to massive changes in our lives. The speaker will present some of the latest scientific advancements in AI such as deep learning and applications thereof in the above mentioned areas and present some particular technical and mathematical inventions which are crucial for the breakthrough of AI that happens right now.

The talk will also cover the economic and social impact of AI. For example, there is the fear that AI will kill many jobs in the near future. People are afraid of robots and robot cars even though the self driving cars will lead to a revolution in public transport and at the same time save many lives and protect the environment. The speaker will discuss these impacts, evaluate the chances and risks and present some obvious solutions for a beneficial future with AI.

