

Com

Computer
Science



UNIVERSITY
of York

Europe Campus

CITY College

Professional Development Seminar

Monday, 7 November 2022

19:00-21:00, LR8.3, 8th Floor (Sofou Bldg)



Neural Networks and Deep Learning

Dr Kostas Dimopoulos

Associate Professor, Academic Director PG Courses and
Principal Ethics Administrator, Computer Science Department

The aim of this seminar is to introduce the concept of the Artificial Neural Network (ANN), explain how an ANN works, and is trained to perform pattern recognition. We will be covering the major training algorithms, forms and architectures, as well applications. Finally we will discuss what is deep learning, and how it is different from traditional ANNs.



Knowledgeable



Ethical



**Information &
Digitally Literate**



Lifelong Learner



**Reflective &
Self Aware**



**Professional &
Adaptable**

- Participation is compulsory for Level 3 CS students
- Upon completion of the seminar series, certificates will be provided to attendees