Summer Schools on Deep Learning PV173 NLP Seminar

Zuzana Neverilova

September 24, 2019

- O 3rd International Summer School on Deep Learning https://deeplearn2019.irdta.eu/
- O Deep Learning Indaba http://www.deeplearningindaba.com/

Organized by IRDTA Registration 310–520 EUR around 1,500 participants introductory/intermediate/advanced lectures (3 lectures per topic/speaker) famous people giving presentations: Aaron Courville, Tomas Mikolov, Gaël Varoquaux, Haixun Wang¹, Alex Smola ... study materials accessible with login/passwd (ask me)

¹https://concept.research.microsoft.com/Home/Introduction

Deep Learning Indaba

Organized by Kathleen Siminyu & Ulrich Paquet & team Registration 350 USD, free for students

around 700 participants

beginner/advanced lectures $+ 2 \times 4$ practical sessions + hackaton poster session, student track, industrial track, video lecture and hangout with Andrew Ng and Fei Fei Li

Agony aunts answer questions on data science / machine learning slides not available yet, practical sessions available in Google Colab (in form of Python Notebooks)

famous people giving presentations: Richard Socher², Aisha Walcott-Bryant (IBM), Ruha Benjamin (Princeton Univ), Stefano Ermon (Stanford Univ), Sekou Remy (IBM Research)

²https://decanlp.com/

Comparison: Topics

Europe:

- O healthcare (aging, mental health, drug use and abuse)
- O security, privacy (image recognition: adversarial attacks)
- O neural networks per se (compression, architectures)
- O marketing (recommender systems)
- O ethical aspects of AI (social media)
- O education: language education
- O experiments: general AI, reinforcement learning

Africa:

- O healthcare (availability, low resources, infections)
- O security, privacy (image recognition, fraud detection)
- O agriculture (fertilizer/irrigation/insecticide planning)
- O transport (traffic jams)
- O nature preservation
- O ethical aspects of AI (biased data, -isms)
- O machine translation for low resourced languages
- O education in Al
- O reinforced learning

Subjective Notes on Organization

Warsaw:

not very welcoming place, great lectures, WiFi not working, website not available the first day, not very friendly organization of breaks

Nairobi:

welcoming place, great lectures, student poster session on different levels of development, WiFi not working, university computer labs available, socializing coffee breaks



Most Noticeable Events



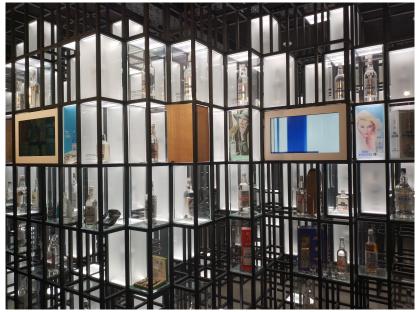
Zuzana Neverilova

Most Noticeable Events



Zuzana Neverilova

Social Events in Europe: Mainly Individual



Zuzana Neverilova

Social Events in Africa: Can't be Individual



Zuzana Neverilova

