Summer Schools on Deep Learning
PV173 NLP Seminar

Zuzana Neverilova
September 24, 2019
3rd International Summer School on Deep Learning
https://deeplearn2019.irdta.eu/

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 Wang\textsuperscript{1}, Alex Smola . . .
study materials accessible with login/passwd (ask me)

\textsuperscript{1}https://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 × 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 Socher\(^2\), Aisha
Walcott-Bryant (IBM), Ruha Benjamin (Princeton Univ), Stefano
Ermon (Stanford Univ), Sekou Remy (IBM Research)

\(^2\text{https://decanlp.com/}\)
Comparison: Topics

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

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

Summer Schools on Deep Learning
Most Noticeable Events

Daily Learning at our new AI Hub in Yaba

4th Floor, 174b Murtala Mohammed Way, Yaba

MONDAY
PRE-UNIVERSITY INTRO PYTHON/ML CLASS
10 WEEKS | 10-1PM

TUESDAY
DEEP LEARNING/FAST.AI MASTERCLASS
14 WEEKS | 3-5PM

WEDNESDAY
INTRODUCTORY PYTHON
8 WEEKS | 12-2PM

WEDNESDAY
BEGINNERS CLASS IN MACHINE LEARNING
8 WEEKS | 3-5PM

THURSDAY
PRE-UNIVERSITY INTRO PYTHON/ML CLASS
10 WEEKS | 10-1PM

FRIDAY
AI4GOOD LAB
FOCUSED ON SDGS
12-2PM

SATURDAY
BUSINESS ANALYTICS FOR PROFESSIONALS
5 WEEKS | 9AM-12PM
Social Events in Europe: Mainly Individual

Zuzana Neverilova
Social Events in Africa: Can’t be Individual