

Fourth DAAD Workshop on E-Health

November 12 - 13, 2018

Darmstadt, Germany

12.11.2018

09:00 – 09:30: Mobile deep learning for depressive episode detection, **Fedi Cherif**

09:30 – 10:00: Suicide prevention in the era of IT, **Dr. med. Manel Maalej**

10:00 – 10:30: Discussion: IT and Psychiatry: data collection

10:30 – 11:00: Coffee Break

11:00 – 11:30: SVM for FoG prediction in Parkinson disease, **Wassim Gam**

11:30 – 12:00: EEG classification for epilepsy seizure prediction, **Abir Affes**

12:00 – 12:30: Introduction to Deep learning techniques, **Dr. Achraf Ben Hamadou**

12:30 – 13:30: Lunch

13:30 – 16:00: Tutorial: Deep learning, **Dr. Achraf Ben Hamadou**

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09:00 – 09:30: Context-aware semantic processing of complex situations in chronic diseases: A scenario implementation, **Emna Rekik**

09:30 – 10:00: How to deal with unbalanced health data? **Nour Neifar**

10:00 – 11:00: Discussion: Cardiology and unbalanced data

11:00 – 11:30: Coffee Break

11:30 – 12:00: Reinforcement learning for predicting cancer cell sensitivity to drugs, **Salma Daoud**

12:00 – 12:30: Cognitive Computing for Diseases Registries, **Dr. Hatem Bellaj**

12:30 – 14:00: Lunch

14:00 – 15:00: Workshop – paper writing/planning, **Dr. Afef Mdhaffar**

15:00 – 15:30: A top-down approach for driver well being and safety, **Dr. Afef Mdhaffar**

15:30 – 16:00: Discussion: next steps/projects & closing remarks