theralytics — 5ᵗʰ DAAD Workshop on E-Health

November 22–November 27, 2019
Darmstadt, Germany

22.11.2019

13:00 – 13:45	Lunch
13:45 – 14:00	Registration and Opening
14:00 – 14:15	Overview of Theralytics results, **Dr. Afef Mdhaffar**
14:15 – 14:45	DL4DED: Deep Learning for Depressive Episode Detection on Mobile Devices, **Dr. Afef Mdhaffar**
14:45 – 15:30	A Cascade of Gated-GANs for Data Augmentation of Medical Time Series, **Nour Neifar**
15:30 – 16:15	An attention-based deep learning approach for sign language recognition, **Dr. Imen Abdennadher**

23.11.2019

09:00 – 09:45	H2020 Project: Strengthening the Sfax university expertise for diagnosis and management of epileptic encephalopathies (SEED), **Prof. Dr. Fatma Kamoun**
09:45 – 10:30	A Convolutional Gated Recurrent Neural Network for Epileptic Seizure Prediction, **Abir Affes**
10:30 – 11:00	Discussion: IT and Epilepsy / Integrate H2020 Project?
11:00 – 11:30	Coffee Break
11:30 – 12:00	DAAD Project: Promoting Engineering & Digital Technology for Physical and Mental Health: PDTH, **Dr. Bassem Bouaziz**
12:00 – 13:00	Automated Selection of Computational Predictive Model for Cancer Therapy, **Salma Daoud**
13:00 – 14:00	Lunch
14:00 – 14:45	Domain adaptation and transfer learning: a new horizon for "medical data", **Dr. Achraf Ben Hamadou**
14:45 – 16:00	Transfer learning: Tutorial, **Dr. Achraf Ben Hamadou**

24.11.2019

09:30 – 10:00	Blockchain for disease registries, **Dr. Hatem Bellaaj**
10:10 – 10:40	Tutorial on Hyperledger, **Dr. Hatem Bellaaj**
10:40 – 11:10	IT for plastic surgery, **Dr. Amir Karra**
11:10 – 11:40	Coffee Break
11:40 – 12:00	Artificial intelligence for esthetic orthodontics, **Dr. Achraf Ben Hamadou**
12:00 – 12:20	Planning next papers / next topics, **Dr. Afef Mdhaffar**
12:20 – 12:40	Evaluation of the project and concluding remarks, **Prof. Dr. Bernd Freisleben & Prof. Dr. Mohamed Jmaiel**
12:40 – 14:00	Lunch

25.11.2019	Workshop: Individual Studies / Paper Writing / Free Time
26.11.2019	Workshop: Individual Studies / Paper Writing / Free Time