

Graduatoria per l'assegnazione di un incarico di prestazione d'opera intellettuale per attività di ricerca a tempo determinato

(Bando di selezione del 18.04.2019 - scadenza: 20.05.2019;
Approvato con delibera del Consiglio di Facoltà n. 42/2019 del 18.04.2019)

Rangordnung für die Erteilung von einem Auftrag mittels Werkvertrag mit befristeter Dauer für die Ausübung von Forschungstätigkeit

(Ausschreibung vom 18.04.2019 – Einreichetermin: 20.05.2019;
Genehmigt mit Beschluss des Fakultätsrates Nr. 42/2019 vom 18.04.2019)

Approvata con decreto del preside della Facoltà di Scienze e Tecnologie informatiche n. 15/2019 del 27.05.2019

Genehmigt mit Dekret des Dekans der Fakultät für Informatik Nr. 15/2019 vom 27.05.2019

Riferimento / Kennziffer:

P01

Progetto di ricerca / Forschungsprojekt:

“Online Decision Support Lab – ODSL”

Descrizione dell'attività / Beschreibung der Tätigkeit:

Development of algorithms for an explainable AI system for complex and knowledge-intense application domains, such as health. In particular, the algorithms that will be implemented have to run on volatile multi-dimensional data, which consist of many participating entities (such as, for instance, patients, drugs, treatment sessions, diseases, side effects, in case of the health domain). The algorithms should be able to run on heterogeneous graphs similar to the SIMRank, P-Rank, and RWR algorithms. Moreover, the PathSim algorithm should be implemented, in order to use meta paths to infer similarities among patients, diseases, etc. The system should be also able to provide explanations using these meta paths along with, for instance, drug recommendations or side effect alerts.

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