The First International Workshop on Data Management and Analytics for Medicine and Healthcare

DMAH 2015

Kohala Coast, Hawaii 🌴 September 4, 2015

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http://dmah.info

The International Workshop on Data Management and Analytics for Medicine and Healthcare (DMAH 2015) will be held at the Big Island of Hawaii on September 4, 2015, in conjunction with the 41st International Conference on Very Large Data Bases (VLDB 2015).

DMAH 2015 will bring people in the field cross-cutting information management and medical informatics to discuss innovative data management and analytics technologies highlighting end-to-end applications, systems, and methods to address problems in healthcare, public health, and everyday wellness, with clinical, physiological, imaging, behavioral, environmental, and omic- data, and data from social media and the Web. It will provide a unique opportunity for interaction between information management researchers and biomedical researchers for the interdisciplinary field.

Topics of interest include, but not limited to:

- Big data integration for medical data;
- Data cleansing for noisy and missing data;
- Medical data and knowledge management and decision support;
- Data management technologies for medical data;
- Semantic Web and ontologies for clinical and biomedical applications;
- Medical natural language processing and text mining;
- Data mining and knowledge discovery from medical data;
- Algorithms to speed up the analysis of big medical data;
- Innovative visualization techniques to support query and analysis of medical data;
- Medical image mining;
- Medical information retrieval;
- Data privacy and security for healthcare data;
- Hospital readmission analytics;
- Medical fraud detection;
- Social media and Web data analytics for public health;
- Data analytics for pervasive computing for medical care.

DMAH 2015 accept three types of papers:

- Regular research papers reporting original research results or significant case studies (12 pages).
- Short research papers with a focused contribution to the research program (6 pages).
- Extended abstracts presenting novel research directions or challenging problems (2 pages).

All research papers will be published and indexed by Springer.

Important Dates:

- Individual workshop papers: June 1, 2015, 11.59 pm PST
- Notification of acceptance: June 27, 2015
- Camera ready: July 9, 2015
- Workshop date: September 4, 2015

Hilton Waikolao Hotel, Kohala Coast, Hawaii
September 4, 2015