3rd International Workshop on Health Intelligence (W3PHIAI 2019)

AAAI 2019 Workshop W8

January 27th – 28th 2019

Honolulu HI

Roots

- World Wide Web and Population Health Intelligence (W3PHI)
  - Public and population health
  - AAAI-W3PHI 2014 (Quebec City, Canada), 2015 (Austin, TX), and 2016 (Phoenix, AZ)

- Expanding the Boundaries of Health Informatics using AI (HIAI)
  - Initially: Health knowledge and intelligent health systems using AI
  - Focus: Personalized medicine
  - HIAI 2013 (Bellevue, WA), 2014 (Arlington, VA), and 2016 (Phoenix, AZ)

- **Workshop on Health Intelligence (W3PHIAI)**
  - **W3PHIAI 2017 (San Francisco, CA), 2018 (New Orleans, LA)**

Submissions

- 40 total submissions

- 22 accepted (55% acceptance rate)
  - 8 full presentations
  - 9 short presentations
  - 5 posters

- Thank you to all PC members for their reviews!
  - http://w3phiai2019.w3phi.com/organizing-committee

Schedule

- 2 keynote talks
  - <u>Dr. Barry O'Sullivan</u>, University College Cork: "Case Studies in Improving Healthcare Delivery" (8:40am, Sunday)
  - <u>Dr. Ram D. Sriram</u>, National Institute of Standards and Technology: "Information Technology for the Health Care Enterprise: The Role of Artificial Intelligence" (9am, Monday)

Schedule

- Paper sessions (20 minutes per full presentation, 15 minutes per short presentation)
  1. *Machine Learning and NLP*: 9:30am – 10:30am, Sunday, 3 papers
  2. *Prediction*: 11am – 12pm, Sunday, 3 papers
  3. *Inference:* 2:35pm – 3:15pm, Sunday, 2 papers
  4. *Public Health (Short)*: 3:45pm – 4:15pm, Sunday, 2 papers
  5. *Conversation (Short)*: 9:50am – 10:35am, Monday, 3 papers
  6. *Modeling (Short)*: 11am – 12pm, Monday, 4 papers

- Poster session
  - 1:40pm - 2:35pm, Sunday, 5 posters

Schedule

- 2 coffee breaks
  - 10:30am – 11:00am
  - 3:15pm – 3:45pm (Sunday)

- Lunch (on your own)
  - 12:00pm – 1:40pm (Sunday)

http://w3phiai2019.w3phi.com/

Proceedings

- Springer book volume in the "Studies in Computational Intelligence" series

- Please email us (Martin & Arash)
  - LatTeX source or Word version of camera-ready paper in Springer format
  - Signed consent form
  - Signed permission form (if applicable)
  - **Due by**: February 18th

Thematic Journal Issue

- *npj Digital Medicine* Journal (2018)
  - Theme: *Population & Personalized Health Intelligence*
  - https://www.nature.com/articles/s41746-018-0058-9

- *Artificial Intelligence in Medicine* Journal
  - Theme: *Precision Digital Medicine and Health*
  - **Submission Deadline**: March 31st 2019
  - Call for submissions:
    - https://www.journals.elsevier.com/artificial-intelligence-in-medicine/call-for-papers/precision-digital-medicine-and-health

Thank You

- Co-chair
  - Arash Shaban-Nejad (The University of Tennessee Health Science Center – Oak-Ridge National Lab)

- Organizing committee
  - David L. Buckeridge (McGill University)
  - John S. Brownstein (Harvard University)
  - Byron C. Wallace (Northeastern University)
  - Michael J. Paul (University of Colorado Boulder)
  - Szymon Wilk (Poznan University of Technology)

- Program Committee

- All presenters and attendees