

W3PHIAI-21 schedule

Monday February 8th (all times Pacific)

Zoom link available here:

https://virtual.2021.aaai.org/workshop_WS-13.html

Time	Event	Speaker/authors
8-8,15	Introductory remarks	Martin Michalowski
8,15-9	Keynote #1:	Akane Sano
9-9,55	NLP and speech	Session Chair: Simone Bianco
9-9,15	Improving Adverse Drug Event Extraction with SpanBERT on Different Text Typologies (short paper)	Beatrice Portelli, Daniele Passabi, Edoardo Lenzi, Giuseppe Serra, Enrico Santus and Emmanuele Chersoni.
9,15-9,30	Lexical and Acoustic Correlates of Clinical Speech Disturbance in Schizophrenia (short paper)	Rony Krell, Wenqing Tang, Katrin Hänsel, Michael Sobolev, Sunghye Cho, Sarah Berretta and Sunny X. Tang.
9,30-9,55	Measuring Physiological Markers of Stress During Conversational Agent Interactions (full paper)	Shreya Datar, Libby Ferland, Esther W Foo, Michael Kotlyar, Brad Holschuh, Maria Gini, Martin Michalowski and Serguei Pakhomov
9,55-10,05	Break	
10,05-11,40	Deep learning, CV and representation learning	Session Chair: Arash Shaban-Nejad

10,05-10,20	Neuro-symbolic Neurodegenerative Disease Modeling as Probabilistic Programmed Deep Kernels (short paper)	Alexander Lavin
10,20-10,45	Do Deep Neural Networks Forget Facial Action Units? - Exploring the Effects of Transfer Learning in Health Related Facial Expression Recognition (full paper)	Pooja Prajod , Dominik Schiller, Tobias Huber and Elisabeth André
10,45-11	Predicting Patient Outcomes with Graph Representation Learning (short paper)	Emma Rocheteau , Catherine Tong, Petar Veličković, Nicholas Lane and Pietro Liò.
11-11,15	Evaluation Metrics for Deep Learning Imputation Models (short paper)	Omar Boursalie , Reza Samavi and Thomas E. Doyle
11,15-11,40	Patient-Specific Seizure Prediction Using Single Seizure Electroencephalography Recording (full paper)	Zaid Bin Tariq , Arun Iyengar, Lara Marcuse, Hui Su and Bulent Yener
11,40-12	Break	
12-12,45	Keynote #2	Tanveer Syeda-Mahmood
12,45-1	break	
1-1,30	Deep learning, CV and representation learning (cont'd)	Session Chair: Arash Shaban- Nejad
1-1,15	EvSys: A Relational Dynamic System for Sparse Irregular Clinical Events (short paper)	Duc Nguyen , Phuoc Nguyen and Truyen Tran

1,15-1,30	Identifying Prepubertal Children with Risk for Suicides Using Deep Neural Network Trained on Multimodal Brain Imaging (short paper)	Geon Ahn , Bogyeon Kim and Jiook Cha
--	COVID	Session Chair: Martin Michalowski
1,30-1,55	Inferring COVID-19 Biological Pathways from Clinical Phenotypes via Topological Analysis (full paper)	Negin Karisani , Daniel E. Platt, Saugata Basu and Laxmi Parida
1,55-2,20	AWS COVID-19 Search: A Neural Search Engine for COVID-19 Literature (full paper)	Parminder Bhatia , Lan Liu, Kristjan Arumae, Nima Pourdamghani, Suyog Deshpande, Ben Snively, Mona Mona, Colby Wise, George Price, Shyam Ramaswamy, Xiaofei Ma, Ramesh Nallapati, Zhiheng Huang, Bing Xiang and Taha Kass-Hout
2,20-2,45	The EpiBench Platform to Propel AI/ML-based Epidemic Forecasting: A Prototype Demonstration Reaching Human Expert-level Performance (full paper)	Ajitesh Srivastava , Tianjian Xu and Viktor Prasanna
2,45-2,55	Break	
2,55-3,03	Machine Learning Identification of Self-Reported COVID-19 Symptoms from Tweets in Canada (poster)	Jean-Philippe Gilbert , Simon de Montigny, Jingcheng Niu, Victoria Ng and Erin Rees

3,03-3,11	RRISK: Analyzing COVID-19 Risk in Food Establishments (poster)	Saahil Sundaresan, Shafin Khan, Faraz Rahman and Chris Huang
3,15	Concluding remarks and adjourn	Martin Michalowski

Tuesday February 9th (all times Pacific)

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8 - 8,15	Introductory remarks	Arash Shaban-Nejad
8,15-9	Keynote #3	Andreas Holzinger
--	Predictive and statistical modeling	Session Chair: Martin Michalowski
9-9,08	Utilizing Predictive Analysis to Aid Emergency Medical Services (poster)	Pratyush Kumar Sahoo, Nidhi Malhotra, Shirley Sanjay Kokane, Biplav Srivastava, Harsh Narayan Tiwari and Sushant Sawant
9,10-9,25	Satellite-Based Food Market Detection for Micronutrient Deficiency Prediction (short paper)	Nikhil Behari, Elizabeth Bondi, Christopher D. Golden, Hervet J. Randriamady and Milind Tambe
9,25-9,40	A Prognostic Tool to Identify Youth at Risk of at Least Weekly Cannabis Use (short paper)	Marie-Pierre Sylvestre, Simon de Montigny, Danick Goulet, Isabelle Doré, Jennifer O'Loughlin, Slim Haddad, Richard E Bélanger and Scott Leatherdale.

9,40-9,55	Self-Disclosure in Opioid Use Recovery Forums (short paper)	Anietie Andy
9,55-10,05	Break	
	Time series analysis and XAI	Session Chair: Simone Bianco
10,05-10,30	Interpretable Classification of Human Exercise Videos through Pose Estimation and Multivariate Time Series Analysis (full paper) (Github)	Ashish Singh , Thach Le Nguyen, Binh Thanh Le, Darragh Whelan, Martin O'Reilly, Brian Caulfield and Georgiana Ifrim
10,30-10,55	Interpreting Deep Neural Networks for Medical Imaging using Concept Graphs (full paper)	Avinash Kori , Parth Natekar, Ganapathy Krishnamurthi and Balaji Srinivasan
10,55-11,10	LOGISTIC REGRESSION IS ALSO BLACK-BOX. MACHINE LEARNING CAN HELP (short paper)	Liam Butler , Fatma Gunturkun, Ibrahim Karabayir and Oguz Akbilgic
11,10-12	Break	
12-12,08	Imputing fine-grain patterns of mental health with statistical modelling of online data (poster)	Esther Jack, Estie Kruger and Marc Tennant
12,08-1	Poster session	Zoom Breakouts
1	Final remarks	Martin Michalowski, Arash Shaban-Nejad, Simone Bianco