Workshop SUM’20: State-based User Modelling

13th ACM International WSDM Conference

February 3-7, 2020 Houston, Texas, USA
Why User State?

• Search and Recommendation systems
  • Interactive and Dynamic
  • Hard to develop and evaluate
• Workarounds
  • Independent events
  • Assume equilibrium
• Objective
  • Identify, represent and update the state of the user
Key Challenge

Inferring and utilising user state and goals is becoming a timely challenge for successfully leveraging intelligent user-centric systems in the real-world.
Applications

• Conversational systems
• User representation and recommender systems
• Task-based information retrieval
• State-aware evaluation
• Human in the loop
• User-aware systems
• Personalised ML algorithms
• Cognitive/contextual user understanding
• State-aware ML algorithms

and many more...

SUM’20: State-based User Modelling
About the workshop

Bringing together researchers from academia and industry that focus on different aspects of state-based user modelling to exchange ideas and build state-aware user-centric systems.
Invited Speakers

Mounia Lalmas
Spotify Research

Eugene Agichtein
Emory University

Ahmed Awadallah
Microsoft Research

Emine Yilmaz
University College London

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Agenda

09:00 - Invited Talk - Mounia Lalmas (Director of Research at Spotify)

10:00 - Coffee Break

10:30 - Invited Talk - Eugene Agichtein (Winship Associate Professor at Emory University)

11:00 - Contributed Talk - Fatigue-Aware Ad Creative Selection

11:30 - Contributed Talk - SAGE: Interactive State-aware Point-of-Interest Recommendation

12:00 – Contributed Talk - Scalable Psychological Momentum Estimation in E-sports

12:30 - Lunch

14:00 - Invited Talk - Ahmed Hassan Awadallah (Principal Research Manager at Microsoft)

15:00 - Coffee Break

15:30 - Invited Talk - Emine Yilmaz (Professor at University College London)

16:30 - Closing Remarks

17:00 – Optional drinks and dinner

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More info...

Feedback:  
https://forms.gle/sn7562aFc1CwRWms9

Keep in touch:  
https://forms.gle/4akuNdyaz5XQyrV5A

https://www.k4all.org/event/wsdmsum20/
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