

WORKSHOP

Workshop SUM'20: State-based User Modelling

13th ACM International WSDM Conference

February 3-7, 2020 Houston, Texas, USA

#WSDMSUM20

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...

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.

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Invited Speakers



Mounia Lalmas
Spotify Research



Eugene Agichtein
Emory University



Ahmed Awadallah
Microsoft Research



Emine Yilmaz
University College London

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

More info...

Feedback:

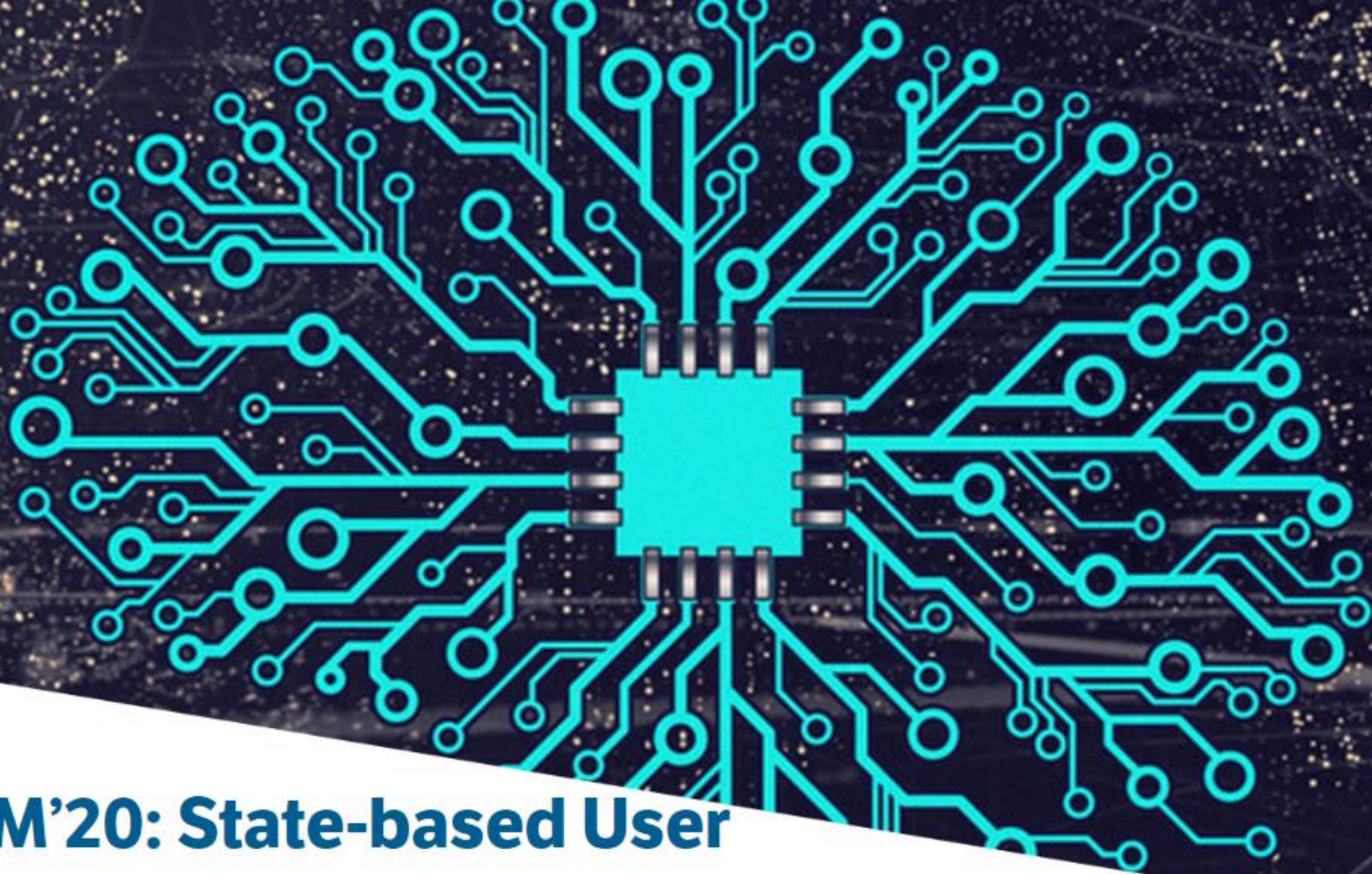
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