TECHTalk@CSAIL

NOKIA Bell Labs

Structure, Meaning, Action and Interaction - a future vision for augmenting human, machine, and network intelligence

Sponsored by CSAIL Alliances

Abstract:

We sit at the cusp of a new revolution. A revolution born at the nexus of advances in devices used to sense ourselves and our environment, in algorithms that enable optimization, prediction, and learning and in networks that enable near instantaneous action and communication over terrestrial distances. This revolution promises to save time and create new knowledge through the automation of the mundane and augmentation of human, machine and network intelligence. Within this talk I will focus on several Bell Labs disruptive innovations that make possible this future and the technical challenges we use to define our research vision.

Speaker: Chris White

Head Algorithms, Analytics and Augmented Intelligence Lab, Nokia Bell Labs

Bio:

Christopher A. White leads the Algorithms, Analytics & Augmented Intelligence (AAAI) lab in Nokia Bell Labs. He joined Bell Labs in 1997 after graduating with a Ph.D. in theoretical quantum chemistry from the University of California in Berkeley, California. His research interests include the development of computational models and methods for the simulation and control of interesting physical and digital systems. This has included work in areas ranging from linear scaling quantum chemistry simulations, to the design of new optical devices, to the global control of transparent optical mesh networks and to understanding and facilitating the propagation of ideas in organizations. In addition to the management of an international team of world-class researchers, Dr. White's current work focuses on the creation of assisted thinking tools that leverage structural similarity in data with the goal of augmenting human intelligence.

Thursday, February 7, 2019
12:00PM - 1:00PM EDT

Star Seminar Room, 32-D463
Ray and Maria Stata Center
Cambridge, MA 02139

Please RSVP

https://www.eventbrite.com/e/nokia-bell-labs-tech-talk-structure-meaning-action-and-interaction-a-future-vision-for-augmenting-tickets-54994969434

OR Email Callie Mathews to confirm attendence - cmathews@csail.mit.edu

Questions? Contact:
Callie Mathews at cmathews@csail.mit.edu

MIT CSAIL ALLIANCES