

## Lessons learned applying AIML, IoT, Cloud and Knowledge Graph technologies to Eldercare

### Sam Adams

When: **Apr 15, 2022 09:00 AM Pacific Time**

Join from PC, Mac, Linux, iOS, or Android: <https://wsu.zoom.us/j/99256351513>

Meeting ID: 992 5635 1513

#### **Talk Abstract:**

In this talk Sam will describe the research activities that he led at IBM Research in the field of Cognitive Eldercare, the challenges and lessons learned during that effort, and his perspectives on the future of global large-scale improvement in the lives of elders using technology.

#### **Sam Adams Bio:**

Sam Adams was elected to the IBM Academy of Technology in 1995, and in 1996 appointed as one of IBM's first Distinguished Engineers. After helping to found the first Object Technology Practice in the IBM Consulting Group, he led a study on Self Configuring Systems that foreshadowed and inspired IBM's Autonomic Computing initiative. Sam co-authored IBM's XML Technical Strategy, focusing on machine-to-machine communication which became the core of IBM's Web Services strategy, coining the term "Service Oriented Architecture" and defining the Publish-Find-Bind triangle model for SOA in 1998. In 2000, Mr. Adams led the Joshua Blue project, resulting in a number of breakthroughs in the field of Artificial General Intelligence, including the Superstition and Forgetfulness model for autonomous learning. Later, Sam developed the first internet mash-up technologies at IBM and led IBM's Research's Enterprise 2.0 Initiative. In 2013 he served as CTO for Contextual Computing in IBM Research, leading the exploration of peta-scale graph-based analytics and programming systems across IBM Research's global labs. For 8 years he helped drive a number of Global Technology Outlook topics in IBM Research, including Big Data Analytics, Contextual Computing, Large Scale Data Curation and Cognitive Eldercare, each of which has had a profound impact on IBM's strategic direction. Between 2015 and 2018, Sam applied AI and Internet of Things technologies to eldercare, addressing the cross-industry impact of the global Aging Boom.

In 2018 Sam joined Research Triangle Institute (RTI) to lead the design and development of a strategic AI and Data Science platform. Currently, Sam continues his AGI and Artificial Consciousness research at Metacognitive Technology LLC.