# The New Web and the Future of Spatial Computing

Join us on Friday, December 13<sup>th</sup>, 2019 from 9:00 AM to 6:00 PM @ Computer History Museum, Mountain View

Core advances in fundamental technologies, displays, sensors, AI, & computer vision, together with 5G becoming a reality, are transforming the world into the next platform for computing. The New Web will, by "turning the internet inside out," change the nature of human communication and fundamentally transform the way we think, learn, work and play. But, like the Old Web, the New Web will require multi-stakeholder participation, cooperation, standards, and openness to reach its full potential.

This all-day workshop will bring together stakeholders from network, device and experience to illuminate and kickoff an ongoing conversation about the roadmap and outcomes needed to make the New Web and Spatial Computing a reality that can advance human potential.



## Workshop Agenda

#### 9:00am - 10:00am



#### 10:00am - 10:40am



10:40am - 11:00am

#### 11:00am - 11:40am



#### 11:40am - 12:20pm



#### 12:20pm – 13:20pm

#### 13:20pm -14:00pm



#### 14:00pm –14:40pm



14:40pm -15:20pm



### One of the true luminaries of personal computing,

#### Alan Kay, A.M. Turing award

Alan Kay received the A.M. Turing award in 2003 for pioneering many of the ideas at the root of contemporary objectoriented programming languages, leading the team that developed Smalltalk, and for fundamental contributions for personal computing. One of the true luminaries of personal computing, Alan Kay conceived of laptops and graphical interfaces years before they were realized. At XeroxPARC, Apple, HP and Disney, he has developed tools for improving the mind.

"Enabling the Augmented Conversation"

#### David Smith, CEO and Founder of Croquet Corporation

Smith is the CEO and Founder of Croquet Corporation, developing Croquet – the Augmented Reality Collaborative Operating System. As a computer scientist and entrepreneur Smith has focused on interactive 3D and using 3D as a basis for new user environments and entertainment for over thirty years.

m Coffee Break

#### Sean White, Chief R&D Officer at Mozilla

Sean is an executive, entrepreneur, inventor, and musician who has spent his career leading innovative development of the experiences, systems, and technologies that enable creative expression, connect us to each other, and enhance our understanding of the world around us.

#### "New IP: Network technologies for enabling the New Web"

Kiran Makhijani, Principal Engineer, Futurewei

Kiran and her team are continuously exploring the future landscape of network services and technologies. The current initiative - New IP enables the applications and uses cases of the next decade and beyond. With her background in core networking, she has a led a broad array of industry projects, developing the forwarding systems and routing platforms.

#### m Lunch and Hardware Demo (iGlass)

#### Contributing to the Next Generation of User Interfaces!

#### Zack Qattan, Co-founder @ ukaton

Zack is a creative technologist emphasizing on auditory displays, speech manipulation, and multi-device interfaces. He spends his time coming up with useful applications of the latest technologies (VR/AR, blockchain, wearables), and creating simple web demos to prove their potential!

#### Gary Bradski, Founder of OpenCV

Gary is an American scientist, engineer, entrepreneur, and author. He co-founded Industrial Perception, a company that developed perception applications for industrial robotic application (since acquired by Google in 2012) and has worked on the OpenCV Computer Vision library, as well as published a book on that library.

#### "Visual Intelligence and the Open Spatial Computing Stack"

#### Dave Lorenzini, CEO at Visualix

"The Wider Web"

Lorenzini has helped change the way billions of people look at the world. Successes include keyhole.com (acquired by google, online today as google earth), space imaging (acquired/maxar) and ARc, where he led xR product, platform and strategy work for clients like googleX & facebook bld.8.

15:20pm – 15:40pm Coffee Break

#### 15:40pm –16:20pm



#### Trevor Flowers, chair and invited expert in the W3C immersive web groups

Trevor Flowers is tasked with bringing augmented and virtual reality technologies to the web. Past posts have included prototype engineer in the ubiquitous computing group at Xerox PARC, augmented reality researcher in Mozilla's Mixed Reality team, as well as CTO of Momento 360, a mixed-reality imaging company.

#### 16:20pm – 17:20pm Panel discussion, David Smith, Gary Bradski, Tish Shute (Leichliter), Trevor Flowers