

# **GHTC 2017 Keynote and Plenary Sessions**

**Keynote Speaker Friday, October 20, 2017**

**Dr. Larry Alder**



Dr. Larry Alder currently is the VP of Product Definition at OneWeb developing low latency satellite based broadband globally. He is also currently Co-Chair of NTIA's Commerce Spectrum Management Advisory Committee and has been a member of the committee since 2011. Alder was previously at Google as Director of Access Strategy from 2005-2016 where was responsible for a number of product, policy, and strategic investment activities promoting Internet access. Alder led Google's Project Link to bring a shared fiber infrastructure network to multiple countries Africa. He also was leader in Google's project to bring Wi-Fi to the India rail stations. Alder also served on the board of O3b Networks, a global satellite service provider. Prior to joining Google, Alder spent 10 years at ArrayComm,

where he served as vice president of technology development. He has a Ph.D. in Engineering from Stanford University in the specialty of Control Theory and Bachelor's degree in Engineering from UCLA.

**Keynote Speaker Saturday, October 21, 2017**

**Darelle Van Greunen**

Darelle Van Greunen is a Professor in the School of ICT and the Director of the Center for Community Technologies at the Nelson Mandela University in Port Elizabeth, South Africa. The social activist and award-winning researcher has a multidisciplinary background, combining computer science, information systems, African languages, education, media studies and psychology. She holds a number of degrees with her PhD being in Computer Science. Her research focuses on using technology as an enabler in society but with a strong focus on how humans interact with technology. Her research is combined with real-life interventions in different communities of Africa. She is best known for her passion to transform low-income communities through the use of technology as an enabler and catalyst to respond to social issues.



## Keynote Speaker Sunday, October 22, 2017

### Maurizio Vecchione



Maurizio Vecchione is the Executive vice president for Global Good and Research at Intellectual Ventures in charge of the Global Good Fund. In this role, he oversees IV's collaboration with Bill Gates to invent and deploy technology specifically focused on improving life in developing countries, as well as the Intellectual Ventures Laboratory and Institute for Disease Modeling. The Global Good Fund is the world's largest investor in inventions for the benefit of the poorest three billion people on the planet, focusing on disruptive innovation in global health and global development for the benefit of humanity. Funded by the Bill and Melinda Gates Asset Trust and operating in coordination with the Bill and Melinda Gates Foundation, Global Good utilizes philanthropic funds to incubate and develop market driven companies that can produce catalytic humanitarian impacts while using market forces to scale up globally and across the 75 poorest nations on Earth. Global Good operates its own multidisciplinary research laboratory with relationships with over 4,000 research institutions globally, and the Institute for Disease Modeling to facilitate discovery and translational science in support of its investments. Major area of investment focus are diagnostic and clinical technology aimed at the top 10 global burden diseases, primary care health strengthening innovation, maternal and child health innovations, nutrition technologies, prevention including vaccines as well as agriculture and agricultural productivity technologies. With more than 30 years of experience in the technology and life sciences sector, Mr. Vecchione has helped build nine start-ups and launched more than 50 commercial products spanning life-sciences, health technologies, therapeutics and as well as telecommunications, information and material sciences. He most recently served as CEO of Arrogene, which is commercializing a new nanotechnology platform for cancer therapeutics and diagnostics, and as CEO of telemedicine pioneer CompuMed. As an inventor himself, Mr. Vecchione is named on multiple U.S. patents and patent applications related to imaging, image processing, nano-bio-polymer and telecommunications technologies.