

Biography



Dr. Walid Mathlouthi received a PhD in Optics, Photonics and Lasers. He spent his early career at Optical Research Laboratories in France, Italy, Canada and the US with Intel Corp where he worked, among other things, on the first Raman silicon laser. In 2010, he joined AT&T Labs in California as a Senior Member of Technical Staff. He worked mainly on data mining for complex Analysis/problem solving, Laboratory and field experimentation, 3G, 4G and LTE service quality and optimization, RF optimizations, Self-organizing Networks, Large scale UE data collection and analysis for actionable analytics and IP migrations such as VOLTE services.

In 2015, Dr. Walid joined Google Headquarters in Mountain View as an Optical Network Architect. He worked on building high quality networks to provide broadband connectivity in emergent markets and connect the under-connected. Walid spent the last couple of years of his tenure at Google focusing on Google Global Data Center design to support cloud services deployments (compute, storage, ML Pods etc...). He recently joined in 2022 the International Telecommunication Union (ITU) as head of Future Networks and Spectrum Management leading an international division responsible for infrastructure design and implementation in Developing countries to help connect the unconnected.