Haruo Okamura

After received the BS, MS degrees from Tokyo Institute of Technology (Physical Engineering), he joined NTT Telecommunications Labs., Yokosuka, Japan., NEC Submarine Optical Transmission System Business Unit Japan, and then Corning Inc., Standards Engineering, USA. Oct. 2003, he founded Global Plan Inc.,

Mr. Okamura has long been involved in the International Standardization at ITU and IEC. He was a vice chairman of ITU-T SG15 (2001-2004), and ITU-T TSAG (2005-2012) where he was the chair of WP2 (Work Programme, Programme Management and Strategy). He is an invited research adviser to AIST (the National Institute of Advanced Industrial Science and Technology), a part-time lecturer at the Univ. of Tokyo, and at Ibaraki University. Also, he was a visiting professor of Waseda University.

As of December 2020, he is the chairman of IECSC86C (Fibre Optic Systems and active Devices), a visiting researcher of Waseda University, an Expert Member of Japanese Ministry of Internal Affairs and Communications Council. He received the IEC1902 award and the Ministerial Award of Communication Technology, Japan. He holds Ph. D and E-MBA degrees.

Books Co-authored are
-Optical Amplifiers and Their Applications (Academic Press,1994, Chapt.13)
-Trends in Optical Fibre Metrology & Standards (Kluwer Academic Pubs.,1995, chap.7)
-Optical transmission and optical memory terminology (Corona Pub. 1998)

Since mid-2014, ITU-T has discussed the standards for closing the urban-rural digital divide, edited and published the following ITU-T standards.

ITU-T L.1700 (Affordability-First Concept, 2016)
ITU-T L.110 (Optical Cable for Direct Surface Application, 2017)
ITU-T L.163 (Low-Cost DIY Installation of L.110 Cable, 2018)
https://news.itu.int/new-standards-broadband-mount-everest/

By fully meeting the above three standards, Global Pan Inc, has developed the solution BIRD (Broadband Infrastructure for Rural-area Digitalization) where a lightweight robust optical cable is affordably applicable to surface to underground to air to water.

The Nepal Government announced the use of this solution as “Okamura Model” to bring free Wi-Fi in the Mt. Everest Base Camp region and Mt. Annapurna trekking trail. https://www.thequint.com/news/world/nepal-free-wifi-mount-everest-basecamp

Solution BIRD has been launched in 2019 in a mountain village of west Nepal and in the suburbs of Mongolia. As of October 2020, the optical cable (meeting L.110 Recommendation, 42km) to be laid between Namche Bazaar and Everest Base Camp arrived at the end of the motorway: the PJ is on hold due to COVID-19 as of Dec. 2020.