

The David P. Larsen award – Presentation by Michael Nusbaum

This year's David P. Larsen award is presented to Bernd Neubig. The inscription reads

“For wide ranging contributions in the Design, Development, Production, Testing, and Education of Frequency Control Products and Piezo Sensors, comprising Quartz and other piezoelectric material such as Langasite and Gallium Phosphate.”

Bernd graduated from the Berlin University of Applied Sciences in 1969 with an engineering degree in Telecommunications, followed by degree in Physics from the Berlin Technical University in 1975.

As an amateur radio operator, Bernd had an interest in crystals before beginning his carrier in frequency control at KVG in 1976. He started as a crystal design engineer, and later became the R&D manager for filters and oscillators.

In 1983, after a brief stop at Quarzkeramik, he joined Tele Quarz, where he developed their oscillator and filter product lines. With Bernd responsible for R&D, operations and engineering, these product lines became the most profitable at Tele Quarz the time.

But as many of us have experienced in this industry, Tele Quarz was acquired; first by Oak, which was then acquired by Corning, which was later acquired by Vectron. After enduring the first two changes of management and structure in the company, Bernd left Tele Quarz. In 2002, he formed AXTAL and began consulting in the field of Frequency Control Products and Sensors, and soon expanded into Development, Prototyping, Testing and Manufacturing of Frequency Control Products.

In addition to his business career Bernd has supported the Frequency Control Community in various capacities. He has served as Chairman of the German Section of the IEC TC 49 Standardization Committee; he has served as Member of the Scientific Committee of the Euroean Time and Frequency Forum, and he is a Member of the Technical Program Committee of the IEEE Frequency Control Symposium.

He has published more the 30 scientific and technical publications and co-authored a book on Frequency Control Components.

Bernd is joined today by Brigitte, is his wife of 34 years and business partner.

Please join me in congratulating Bernd Neubig, recipient of the David P. Larsen award.....