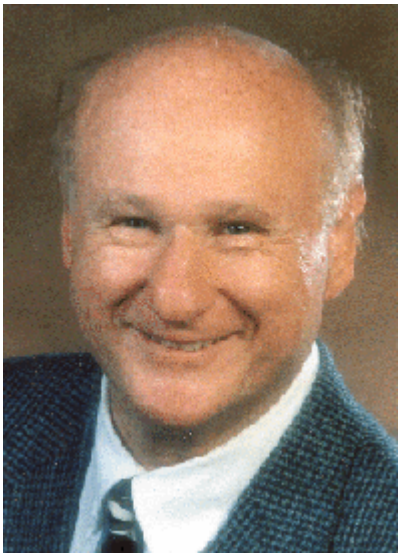

Andras Pellionisz

Founder, International Holo-Genomics Society, and HolGenTech; Chief, HelixoMetry IP Holding

Dr. Pellionisz is a domain expert in Genome Informatics, interdisciplinary scientist and technologist. With Ph.D. in Computer Technology, Biology and Physics, his decades of experience in Informatics of Neuroscience and Genomics cross Academia, Government and Industry.

Pioneering a paradigm shift from AI to Neural Nets, Pellionisz helped establish the International Neural Network Society.

As founder of the International HoloGenomics Society (IHGS), an interdisciplinary community, he promotes the merging of Genomics and Information Technology.

Pellionisz launched HolGenTech for Personal Genome Computing, providing high-performance hybrid computer software for affordable genomes, expanding personalization "Beyond SNPs," and enabling consumer decisions.

Since 2001, Pellionisz' HelixoMetry, preceding ENCODE and reversal of erroneous axioms of "Junk DNA" and "Central Dogma", has built an IP portfolio in Genome Informatics.

Pellionisz has roots in Academia, from Stanford PostDoctoral Fellowship to Research Professor at New York University. Returning to Silicon Valley, with NASA he provided a blueprint to fly damaged F15 fighters by Transputer parallel computer neural network.

A Software Architect during the internet buildup, he sparked Ernst & Young's conversion from human consultancy to computerized knowledge management.

Devoting decades to geometry intrinsic to biology, Pellionisz' neural net industrial applications came first. Now, looking toward a "Genome-Based-Economy," he targets affordable human DNA sequences and targeted search, Pellionisz facilitates the integration of Genomics with Informatics, both hands-on and through IHGS.

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