

Biographies

Dr. Paul Farrell is the president of Brookhaven Technology Group, Inc. (BTG) in East Setauket, NY, which he founded in 1987. Dr. Farrell holds a B.S in Physics and Mathematics from The University of Chicago and a Ph.D. in Theoretical Nuclear Physics and Computer Science from the University of Pittsburgh. His company is collaborating with U.S. Army Research Laboratory to investigate novel deployable nuclear reactor designs for civilian and National Security applications.

Dr. James Powell received a doctorate in Nuclear Engineering from MIT in 1958. As a Senior Scientist at Brookhaven National Laboratory from 1956 to his retirement in 1996, he carried out research on advanced fission and fusion reactors, space power and propulsion, nuclear waste disposal, and other areas. He is the inventor of the Particle Bed nuclear rocket which was a major SDI program. He is also co-inventor of Superconducting Maglev transport, the basis for the Maglev System now operating in Japan, and for which he received the Franklin Medal for Engineering 2000 AD. Following his retirement, he has continued R&D on the advanced 2nd Generation Maglev-2000 System, space power and propulsion systems, new methods for nuclear waste disposal, and compact deployable reactor systems.