

Andrew R. Chraplyvy, PhD

B.S. in physics from Washington University, St. Louis, Missouri;

M.S. and Ph.D. in physics from Cornell University, Ithaca, NY.

Since 1980, Andrew Chraplyvy has been with Bell Laboratories, currently known as Nokia Bell Labs; he is a Bell Labs Fellow, Marconi Fellow, member of the National Academy of Engineering, Fellow of the Optical Society of America, and Fellow of IEEE.

Awards:

2013 IEEE Alexander Graham Bell Medal;

2009 Marconi Prize;

2003 John Tyndall Award;

1999 Thomas Alva Edison Patent Award;

1999 New Jersey Inventor of the Year Award;

1998 Lucent Technologies Patent Award;

Bell Laboratories President's Gold Award on four separate occasions.

Andrew Chraplyvy was inducted into the NJ Inventors Hall of Fame in 2010.

Research interests

Fiber optics, Lightwave communications systems, Nonlinear optical interactions in fibers, Fiber networks, Nonlinear optics, Spectroscopy