IDA

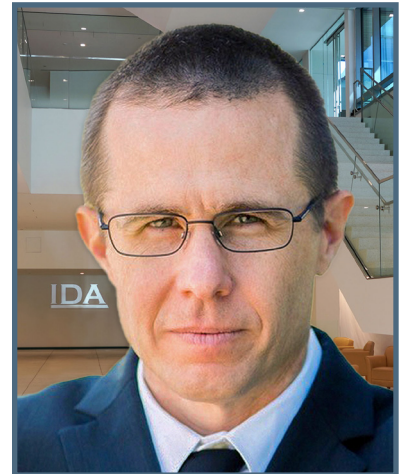# Ryan Garibaldi, Ph.D.

Ryan (Skip) Garibaldi is the Director of the Center for Communications Research in La Jolla, California, one of three research centers that make up the IDA Center for Communications and Computing. He leads a team of mathematicians and computer scientists in developing new science in order to solve the sponsor's hardest problems.

He is well known for his academic research on algebraic groups, including exceptional groups such as E8, and on cohomological invariants. He is also known for his joint work with other mathematicians and investigative reporters on extremely rare phenomena, which, coupled with publicly available data, led to the exposure of criminals using state lotteries as part of the schemes. This in turn led to arrests and changes in state policy.

Skip's previous positions include research staff member at the Center for Communications Research in La Jolla; associate director of the Institute for Pure and Applied Mathematics at UCLA, where he was responsible for half of the scientific activities of the Institute; and Winship Distinguished Research Professor of Mathematics at Emory University. He was a member of the Air Force Scientific Advisory Board and the Defense Science Study Group.

Skip received his doctorate in mathematics from University of California, San Diego, and bachelor's degrees in computer science and in mathematics from Purdue University. He has received the Lester R. Ford Award from the Mathematical Association of America.

About IDA

IDA is a nonprofit corporation that operates three federally funded research and development centers in the public interest. IDA answers the most challenging U.S. security and science policy questions with objective analysis leveraging extraordinary scientific, technical and analytic expertise.