

TOP FLIGHT MANAGEMENT TEAM



Dr. Long Phan CEO & President, CTO; Co-Founder, Board Member

Dr. Long Phan is responsible for executing the overall vision for Top Flight Technologies. In addition, he leads research, product development, strategic software and services partnerships to be used in the Company's products. Long has over 20 years of experience in the field of robotics and autonomous systems. At MIT, he was an initial member of the MIT/Draper Aerial Robotics team in 1994, the first team in the world to demonstrate a fully autonomous helicopter from takeoff to landing at Disney World's Epcot Center in 1996. He has created a product development roadmap for Top Flight that leverages original designs and existing advanced technologies through strategic partnerships. Long was also a veteran on Wall Street where he was an early pioneer in remote algorithmic trading systems, high frequency trading, and a high volume contributor on the NYSE (over 1% daily volume). He is a visionary and passionate entrepreneur who enjoys solving some of the most challenging problems in the world. Long received his Bachelor of Science, Master of Science, and PhD in Mechanical Engineering from MIT.

<https://www.linkedin.com/in/long-n-phan-phd>



Dr. Paul DeBitetto Vice President, Software Engineering

Dr. Paul DeBitetto leads all Top Flight's Software and Embedded Systems Development that includes product-related flight control, simulation, computing, sensing, data communications, security-related controls and software solutions to address the needs of both commercial and government requirements. Paul has spent 30 years with Draper Laboratory, most recently serving as Group Leader for the Perception and Localization Systems group within the Embedded Navigation and Sensor Systems division. He has over 25 years of practical hands-on experience leading teams in the development of multi-sensor perception, navigation, and intelligent control systems for autonomous systems. Recent research has focused on the development of computer-vision-aided inertial navigation systems for GPS-denied operations, applied to a variety programs including the Army's guided parafoil systems, Army soldier navigation, DoD micro-air-vehicles, NASA astronaut tracking, and autonomous driving applications. Previously, Paul's work centered on autonomous intelligent control for autonomous rotorcraft (DARPA), NAVY Advanced Seal Delivery System, and NASA's Space Shuttle on-orbit flight control. Paul was the original team leader of the MIT/Draper Aerial Robotics team, the first team in the world to demonstrate a fully autonomous helicopter from takeoff to landing at Disney World's Epcot Center in 1996. Paul received his Bachelor's Degree in Mechanical Engineering from State University of New York at Stony Brook, his Master's Degree in Aeronautics and Astronautics from MIT, and his Doctorate's Degree in Electrical and Engineering Computer Science from Boston University.

<https://www.linkedin.com/in/paul-debitetto>



John Polo Chief Operating Officer; Co-Founder, Board Member

John Polo is responsible for the operational leadership with Top Flight's organizational structure and all company policies to support its employees, investors and clients. He has solid, hands-on business leadership from numerous senior management and IT leadership positions at \$400m to \$31b manufacturing, consumer products, and IT management consulting/product companies worldwide. John has 35 years of expertise leading companies such as Gartner Group, Kraft Foods North America and Perkin-Elmer (The Hubble Space Telescope), including strategic management consulting and mergers & acquisition roles. In addition, he has been instrumental leading 8 investor-led IT and high-tech global start-ups as President, COO, VP/Business Strategy, Board Member and Founder, bringing each organization through business/product strategy, funding, market introduction, and a liquidity event. John received his Bachelor's degree in Business Management and IT from the University of Connecticut.

<https://www.linkedin.com/in/johnpolo>



William Roderick Vice President, Global Manufacturing

Bill is an accomplished business leader with progressive sales, marketing, operations and international experience creating and motivating teams to perform at high standards and exceed business objectives. At Top Flight he is responsible for creating direct and channel customer and service partner business relationships for the company's Airborg™ 10K UAV in commercial markets globally. Bill is well-versed at developing and implementing creative strategies to thrive in untapped, challenging and highly competitive international and domestic markets. Prior to joining Top Flight Bill started, built and sold a 25-year old \$40MM contract manufacturing business (Segue Manufacturing Services, Lowell, MA). He earned his Bachelor's of Science from University of Massachusetts – Lowell.

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Dr. Samir Nayfeh Chief Scientist

Dr. Samir Nayfeh leads the mechanical design, engineering analysis, and IP development for core technology development at Top Flight. His expertise includes carbon fiber and composite engineering, heat transfer, controls, and the study of magnetic fields and its application for Top Flight's hybrid electric power and structural designs. Upon graduation in 1998, he joined the Mechanical Engineering faculty at MIT and served as an assistant professor until 2006. Samir has more than 20 years of deep technical design and mechanical engineering in the semi-conductor industry. He has worked as part of Equilibria Design Group where he partnered with a variety of customers to bring complex electromechanical systems to market. He has published extensively on vibration damping, rotor dynamics, and control, and he has patents in fields ranging from weaving machines for composites to magnetically levitated stages for semiconductor production. Samir received his Bachelor of Science and Master of Science from Virginia Tech and his PhD in

Mechanical Engineering from MIT.

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Nancy DeCicco Acting Chief Financial Officer

Nancy oversees the financial planning, accounting, and company policies. Her 30+ years of experience includes providing clients with solutions to their financial, structural, and organizational needs, including taxation, accounting, investment relations, and human resources. Her expertise and experience include the recent funding, corporate structure and financial strategies for several IT global start-ups. As CFO of several IT companies, Nancy brings a wealth of mergers and acquisitions experience to the group and has been involved, at a high level, in the due diligence process. Nancy received her Bachelor's degree in Accounting from Rutgers University.



Professor Sanjay Sarma Co-Founder, Board Member

Professor Sarma is the Fred Fort Flowers and Daniel Fort Flowers Professor of Mechanical Engineering at MIT, and he is also the Vice President for Open Learning, which oversees MIT OpenCourseWare and supports the development and use of digital technology for on-campus teaching and massive open online courses. A co-founder of the Auto-ID Center at MIT, Sanjay developed many of the key technologies behind the RFID standards now used worldwide. Dr. Sarma's principal areas of expertise include sensors, energy, IR thermography, RFID, mobility, Internet of Things, transportation, supply chain management, mechanical design, and computational geometry. He was the founder and CTO of OATSystems, which was acquired by Checkpoint Systems (NYSE: CKP) in 2008, and he has worked at Schlumberger Oilfield Services in Aberdeen, UK, and at the Lawrence Berkeley Laboratories in Berkeley, California. In addition, he has stay linked to commercial business applying his 20+ years of engineering leadership to a number of high technology start-ups, national governments and global companies.

TOP FLIGHT ADVISORS



Tak Miyata Strategic Business Advisor

Tak Miyata is General Partner at [Scrum Ventures](#). He has invested in over 40 startups related to commerce, health care, SaaS, video, and IoT in the U.S.. Tak also manages the shared space “Zen Square” in the heart of San Francisco. To promote awareness of technology and startup culture in Asia, Tak collaborates with media companies and events, such as, TechCrunch Japan, and B Dash Camp. Previously, Tak has had an international experience in the IT industry both as an entrepreneur and as a senior executive. He was the CEO of mixi America. Tak holds a Master’s degree in Nano Science from Waseda University. At Top Flight, Tak is instrumental in advising the Company with customer and business partnerships throughout Asia.

<https://www.linkedin.com/in/takmiyata>



Dr. William Hall Company Advisor

Dr. William Hall is Managing Director of the Commercial Applications and Services for Mosaic ATM, a company that conducts ground breaking research in Air Traffic Management. These complex systems drive dynamic decision support systems in airspace configuration. Bill worked for several airlines leading similar decision support tool deployments that improve service/efficiency while saving over \$100 million.

<https://www.linkedin.com/in/wmdhall>



Dr. Alexander Slocum Company Advisor

Dr. Alexander Slocum – Advisor (MIT) – is the Professor of Mechanical Engineering at MIT. He has 100+ patents and has helped develop 12 products that have received R&D 100 award for “one of the one hundred best new technical products the year”. He has helped start several successful companies and has a passion for working with industry to solve real problems and identify fundamental research topics.

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Dr. Thomas Campbell Company Advisor

Dr. Thomas A. Campbell — recognized analyst and researcher in emerging and disruptive technologies — is the Founder & President of [FutureGrasp, LLC](https://www.futuregrasp.com), which advises organizations on trends and implications of emerging technologies. From February 2015 to August 2017, he was the first National Intelligence Officer for Technology (NIO-TECH) with the National Intelligence Council (NIC) in the Office of the Director of National Intelligence (ODNI). As NIO-TECH, he served as the focal point at the ODNI for all activities related to emerging and disruptive civil technologies. Tom established and managed liaison relationships with academia, industry, and others to ensure a comprehensive understanding of technology and its intersection with global military, security, economic, financial and energy issues. He drafted and briefed a broad portfolio of intelligence products for senior policymakers at the National Security Council, Office of Science and Technology Policy, and to Senators, Congressmen, and senior ranking officers within the Department of Defense. Tom holds a Ph.D. in Aerospace Engineering Sciences from the University of Colorado at Boulder, and B.E. in Mechanical Engineering (with Honors) from Vanderbilt University. <https://www.linkedin.com/in/ThomasAndrewCampbell/>



Gus Coldebella Legal Advisor

Gus Coldebella is the Chief Legal Officer at Circle, a global crypto finance company, where he is responsible for all legal, compliance, regulatory, and government affairs. Coldebella's work in crypto finance and regulation complements his experience in homeland and cyber security. From 2005 to 2009, he was the Deputy General Counsel, of the U.S. Department of Homeland Security, focusing on all major security issues confronting the nation. He helped lead implementation of President Bush's Comprehensive National Cybersecurity Initiative, designed to shore up the government's civilian networks from attack and to promote information sharing and cooperation between the public and private sector. He completed his J.D. from Cornell Law School in 1994 (magna cum laude) and B.A. from Colgate University in 1991, where he is currently on the Board of Trustees and serves as Audit, Legal Affairs, and Risk Committee chair.

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Steven Fargo Technical Advisor

Steven is a founder and CEO of [DataWing Global](https://www.datawing.com), an aviation company dedicated to helping organizations integrate drones into routine operations. He is a big believer in the value of aerial data and loves helping people plan, optimize, and launch successful drone programs within their companies. Steven is also a decorated military officer and fighter pilot instructor with over 16 years of successively challenging leadership roles and over 2,000 hours of flight time in the F-16. His expertise helped grow DataWing into a nationwide, multi-industry, and tech-enabled solution for clients of all sizes. Steven spends significant time advocating for the drone industry and educating corporate leaders on the advantages of drone technology through conference panels and forums. In addition to holding an MBA, Steven attended various Air Force leadership schools, and earned his BBA from The University Of Texas at Austin. <https://www.linkedin.com/in/stevenfargo/>