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Alan Beaulieu

Principal

Institute for Trend Research

Alan Beaulieu has been a senior analyst, economist and principal with the Institute for Trend Research since 1990. At the Institute, he works in applied research regarding business cycle trend analysis, growth cycle trend analysis, and the utilization of cyclical analysis at a practical business level. The applied research conducted by the institute includes domestic and international economic issues. Through the Institute, Mr. Beaulieu has been consulting and advising companies throughout the U.S., Europe, and Japan on how to plan for, and prosper through, the business cycle with all of its ramifications on capital resource needs, labor, capacity, pricing, interest rates, competitive pressures, and gross margins. Mr. Beaulieu is also a featured speaker at corporate planning sessions and association meetings, providing thousands of corporate executives with early, accurate economic insights required to sharpen their strategic and tactical business planning efforts.



James W. Beletic, Ph.D.

Vice President
Space & Astronomy
Teledyne Imaging Sensors

Dr. Beletic is Vice President of Space & Astronomy at Teledyne Imaging Sensors, a strategic business unit of Teledyne Scientific & Imaging, LLC. In this capacity, he leads a market segment that is responsible for Teledyne's customers in Astronomy (ground & space), Earth Science, and Planetary Science. Dr. Beletic has over 25 years experience in astronomical instrumentation, with specialization in visible and infrared image sensor technologies. His career is a unique combination of international work experience that includes leadership positions at the world's foremost astronomical observatories, an industry leader in infrared sensors and major research centers. In recognition for his work in astronomy, an asteroid (14669) has been named after him. Fortunately, that asteroid has minimal chance of hitting the Earth.



Lisa Bencivenga

Consultant
Lisa Bencivenga, LLC

Lisa Bencivenga is a consultant with over eighteen years of varied experience in export/import licensing and compliance issues with major defense contractors. She has had the leading role in developing and implementing internal compliance programs, providing regulatory guidance, instituting license databases, training personnel at all corporate levels, conducting audits requested by clients and/or directed by the U.S. Department of State, coordinating investigations and working closely with legal departments while administering the full spectrum of corporate international export/import activities. Since 2004 when establishing her consulting business, Lisa Bencivenga, LLC, she has represented over 100 companies with the U.S. Government on a wide range of regulatory and policy-related matters working closely with the Departments of State, Defense, Commerce, Treasury, and Justice. She is a member of the U.S. Department of State's Bureau of Political-Military Affairs' Defense Trade Advisory Group (DTAG) since 2008. Speaker for Society for International Affairs.

Mohan Bodduluri, Ph.D

Founder, Chief Technology Officer and Senior Vice President
Restoration Robotics

At his current position as Chief Technology Officer at Restoration Robotics, Inc., Dr. Bodduluri is responsible for overseeing the development of all current and future technology. Restoration Robotics, Inc., is a privately held medical device company dedicated to transforming the field of hair restoration. The company produces the ARTAS® System, the first and only

computer-assisted, physician-controlled system to harvest follicular units directly from the scalp. The company has unique expertise in machine vision, image guidance, visual servoing and robotics, as well as developing intuitive interfaces to manage these technologies. Prior to co-founding Restoration Robotics, Dr. Bodduluri was Vice President-R&D of Accuray Incorporated, the market leader in robotic radiosurgery. Dr. Bodduluri joined Accuray in 1992 and served as its VP-R&D from 1995 until 2003, when he left to found Restoration Robotics. At Accuray, his responsibilities included leading its robotics work, field service, treatment planning software, and overall system design. He played a central role in the clinical investigations and customer education for the CyberKnife® radiosurgery system.



Rodney Brooks

Chairman and CTO
Rethink Robotics

Rodney Brooks is founder, CTO, and Chairman of Rethink Robotics, a 2008 Boston-based startup. The company is developing a new class of industrial robot that will help keep manufacturing jobs in America. Rethink's robots are to current industrial robots what the PC was to the mainframe. The new robots are made in the USA. Brooks was also a co-founder of iRobot (Nasdaq: IRBT) and was variously CTO, Chairman, and board member from 1990 until 2011. From 1984 to 2010 he was on the faculty at MIT as the Panasonic Professor of Robotics, and was the director of MIT CSAIL, the Computer Science and Artificial Intelligence Laboratory. While at MIT he developed the behavior-based approach to robotics that underlies the robots of both iRobot and Rethink Robotics.

Martin Buehler, PhD

Vice President, Logistics Solutions
Vecna Technologies

Martin Buehler is a technology leader and visionary with over 20 years of industrial and academic experience in developing robotics technologies and products, and leading high tech organizations. He served as a tenured professor at McGill University, leading research in robot mobility and manipulation. From 2003 he led Boston Dynamics' robotics group and the BigDog project as Director of Robotics. From 2008-2011, he served as Director of Research at iRobot Corporation. He is currently Vice President at Vecna

Technologies, leading product development for QC Bot, a new generation of autonomous hospital delivery robots. Buehler is an IEEE Fellow, and received the 2012 Joseph F. Engelberger Award in Technology.

Jeanne Fec

Senior Principal

Frank Lynn & Associates, Inc.

Jeanne's 18 years of management consulting experience span many industries- construction capital equipment, industrial flow products, metal fabrication, chemicals and food service equipment. Jeanne's competencies include mature marketplace strategy, channel strategy and sales force implementation programs, territory share management, and international opportunity assessments. Jeanne frequently provides customized workshops, meeting facilitation services and taskforce management for her clients. Her consulting projects have covered multi-regional geographies, primarily North American, European and Asian markets. Jeanne earned her M.B.A. from the Stuart School of Business, Illinois Institute of Technology and B.S. degree from Loyola University Chicago.

Todd Grimm

President

T.A. Grimm & Associates, Inc.

Todd Grimm is 22-year veteran of the additive manufacturing/3D printing industry. From his work as a consultant, writer, presenter, editor and advisor, he has been recently named as one of the top 20 most influential in the additive manufacturing industry. Todd is president of T. A. Grimm & Associates, an additive manufacturing consulting and communications company, and editor for ENGINEERING.com. He will be speaking on behalf of the Additive Manufacturing Users Group (AMUG), an international organization of practitioners, as its AM industry advisor, a role he accepted in 2012.

Dr. Michio Kaku

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Dr. Michio Kaku is an American theoretical physicist, the Henry Semat Professor of Theoretical Physics in the City College of New York of City University of New York, a co-founder of string field theory, a futurist, and a "communicator" and "popularizer" of science. He has written several books about physics and related topics; he has made frequent appearances on radio, television, and film; and he writes extensive online blogs and articles. He has written two New York Times best sellers, *Physics of the Impossible* (2008) and *Physics of the Future* (2011). He has hosted several TV specials for

BBC-TV, the Discovery Channel, and the Science Channel.

Jonathan London

Founder and President
Improved Performance Group

Jonathan London is an expert in training and development alternatives in the areas of sales, channel management and leadership. Jonathan's contemporary approach to time-tested practices has well-served the interests of IPG's clients, including Cisco, Dell, AOL, VeriSign, Lawson Software, PictureTel, Tandberg, LifeSize, Polycom, BT, IBM divisions and many others. Prior to founding the Improved Performance Group, Jonathan was in sales and management from 1976 to 1994, in high tech with such companies as Olivetti, NBI, RoLM, Wyse Technologies and PictureTel. In all instances, he was either the #1 salesperson or manager in his company or industry. Jonathan's unswerving customer focus, coupled with a straightforward, authoritative teaching style provides a unique learning experience that's both illuminating and educational. His book "The Entrepreneur's Guide to Selling" published in June 2009 is available directly, at amazon.com or b&n.com. His latest book "Using Technology to Sell" was released in August 2012.



Aude Oliva

Principal Investigator, CSAIL
MIT Computer Vision & Graphics Group
Associate Professor, Brain and Cognitive Sciences
Investigator, Athinoula A. Martinos Imaging Center

After a French baccalaureate in Physics and Mathematics and a B.Sc. in Psychology, Aude Oliva received two M.Sc. degrees -in Experimental Psychology, and in Cognitive Science and a Ph.D from the Institut National Polytechnique of Grenoble, France. She joined the MIT faculty in the Department of Brain and Cognitive Sciences in 2004 and the MIT Computer Science and Artificial Intelligence Laboratory - CSAIL - in 2011. Her research has made its way in textbooks of Perception, Cognition, Computer vision, Design, and popular press as well as in museums of Art and Science. Her research programs are funded by the National Science Foundation, the National Eye Institute, the Andrea Bocelli foundation and Google.

David Peters

Chief Executive Officer
Universal Robotics, Inc.

David Peters is Chairman of the Board and CEO of Universal Robotics, a software company selling a new form of Artificial Intelligence that uses sensor

input to update machine behavior in real time. He launched the company in early 2008, after closing a round of private equity. The technology is being deployed in the materials handling industry to increase flexibility in automation. Under his guidance, the company won an "Emerging Company to Watch" award at the 2010 nVidia GPU Conference, where Peters was featured in the Emerging Summit Keynote address. Before founding Universal Robotics, he was an entrepreneur in the motion picture industry, working as a producer for 17 years. He is a member of the Director's Guild of America, the Nashville Chamber of Commerce Education Report Card Committee and the World Economic Forum Network of Global Agenda Councils, where he serves on the Robotics and Smart Devices Council.



Larry Sweet, PhD

Chief Technology Officer
Symbotic LLC

As Symbotic's Chief Technology Officer, Larry focuses on the development of next generation technologies driving new product development, transforming innovative concepts into market-ready products. Larry builds on over twenty years international experience in development and implementation of advanced automation technologies. He has held senior executive positions for ABB, United Technologies, Pepsico, GE and its joint venture with Fanuc. He developed patented robotic systems that received best product of the year awards from Toyota Corporation and Research & Development Magazine. A graduate of MIT and the University of California-Berkeley, and building on his prior roles on the engineering faculty at Princeton University and contributor / editor to robotics and automation technical journals, he cultivates partnerships with leading universities and research labs worldwide. Larry has also been recognized for operational leadership, with awards from Industry Week (his Scroll Technologies plant among ten best in U.S.), United Technologies (division asset productivity award for lean supply chain), and Carrier President's Award for Operational Excellence (electronics manufacturing).

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