The Institute for Global Futures:

Harnessing Innovation and Future-Readiness

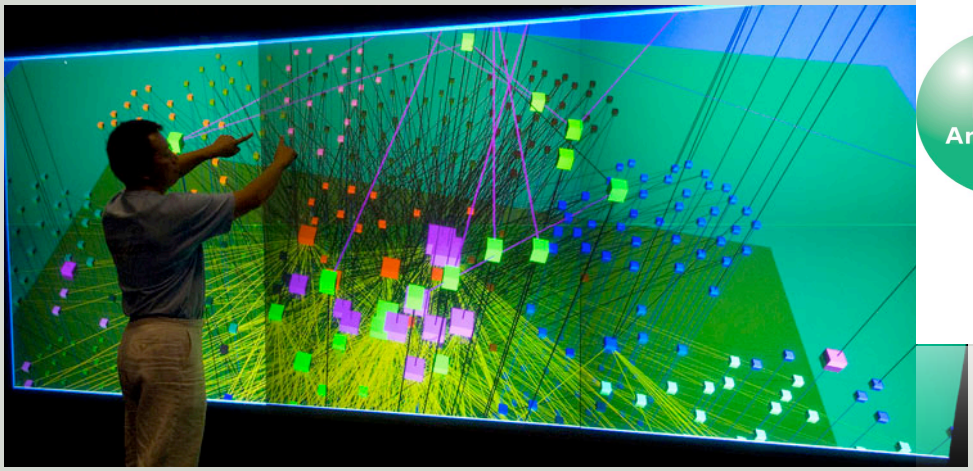
Organizations today face volatile and complex challenges related to technology, data, knowledge and systems. These challenges affect customers, markets, employees and society. How organizations face these challenges often determines their competitive advantage, even their future survival. This complexity will continue to challenge organizations to better anticipate change and adapt faster.

New tools, new technologies are emerging and increasing in power exponentially. Innovations are transforming markets: from GPS, sensors, biometrics, genomics, nanotech, neuroscience, Web 2.0, mesh networks, quantum computing and AI. This exponential increase in innovation requires organizations formulate an intelligent adaptation strategy. The Institute for Global Futures works with organizations to harness advanced technology innovations.

Customer and competitive demands require every organization to continuously refresh their strategy, vision and preparation for the future. The Institute for Global Futures (IGF) assists organizations to formulate strategy and solutions that prepare organizations for the future. Better preparing organizations to meet the challenges of the future is central to our DNA. At IGF we refer to this capability as Future-Readiness.

The Institute for Global Futures designs systems that provide:

- Business & Environmental Intelligence
- Predictive Awareness
- Global Risk Monitoring
- Preventive and Adaptive Analysis
- Deep Knowledge Analytics
- Superior Situational Awareness
- Knowledge Engineering
- Pattern and Game Modeling



Mission

The Institute for Global Futures enables organizations to harness advanced technology innovations for competitive advantage.

Practice Areas:

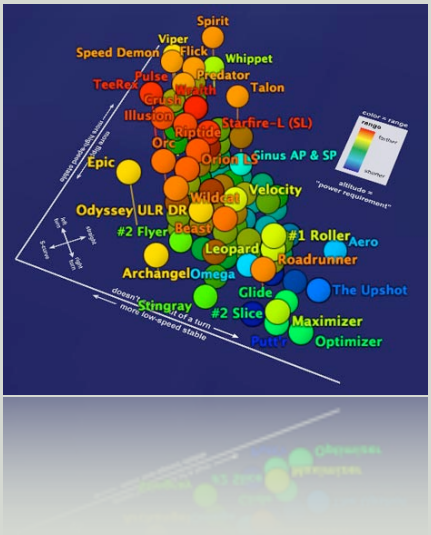
- Complex systems strategy, design and development
- Large scale visualization modeling—geospatial, genomic, semantic, sentiment
- Ecosystem and marketplace strategic planning
- Forecasting and scenario development
- Strategy formulation
- IT systems architecture development
- Advanced technology development: Nano-Bio-IT-Neuro-Quantum
- Leading-edge and next generation innovation analysis: AI, networks, Web 2.0, robotics, communications, mobility, bionomics

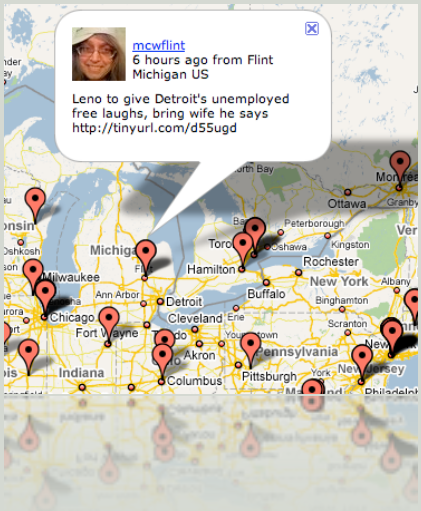
Industry Expertise:

- Industrial controls and process
- Transportation
- Energy
- Communications
- Media
- Financial Services
- Health Care
- Security
- Defense

Clients:

- Siemans
- Phillips
- GE
- UPS
- IBM
- General Foods
- GM
- NASA
- Raytheon
- Boeing
- Monsanto
- Tata
- Department of Defense, US Government



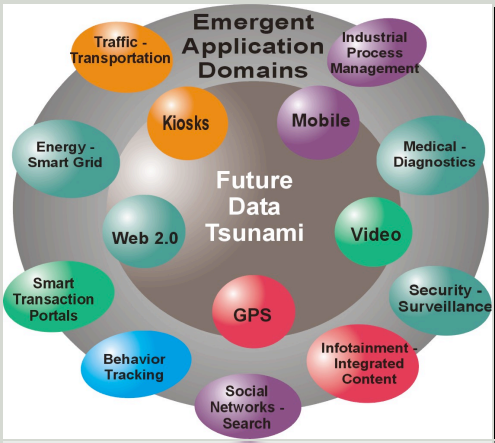


The Team

The IGF team, under the direction of Dr. James Canton, CEO and William Moulton, CIO is comprised of a highly innovative, talented and insightful group of world-class technologists, engineers and scientists. Frankly, they do amazing things.

They are agile, inventive, bold and Big Thinkers yet real world solution-providers. They bring outstanding innovations to life and solve large-scale problems that others often cannot fathom. They have rich enterprise, government and entrepreneurial backgrounds. The IGF team works with the largest global organizations in the world taking on some of the largest global challenges.

IGF uses the Trend Trakker technology platform to provide clients an advanced holistic systems approach to visualizing and analyzing complex data.



Selected Client Cases

Defense:

Open source intelligence collection, conditioning, semantic mapping, predictive analytics, geospatial situation awareness, failure mode prediction

Manufacturing:

Advanced autonomous artificially intelligence robotics, adaptive controls, networked intelligence and self-healing industrial controls.

Process Control:

Real-time fault recovery controls using swarming expert systems embedded in neural network frameworks.

Education and Commerce:

Multi-agency interoperable database search, college search, career planning, simulation and modeling, and geospatial information display and navigation.

Finance:

Custom market participant indices, business performance metrics, predictive analytics and forecasting, business performance visualization scorecards.

Health Care:

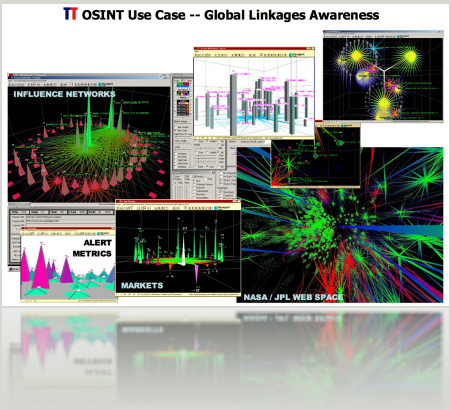
Scenario forecasts, and game changer technology convergence trending between nanotech, biotech, cognitive technology, and information technology

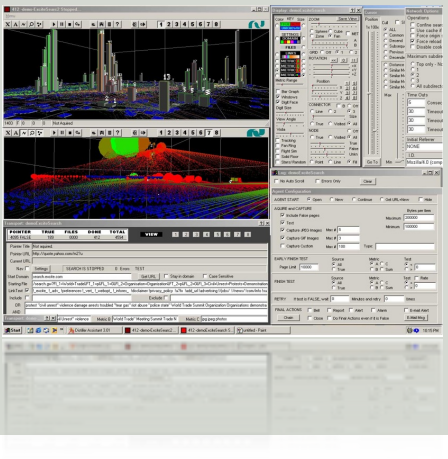
Communications:

Social network collaboration, point-of-presence awareness, network visualization, contextual search, and multimedia technologies

Energy:

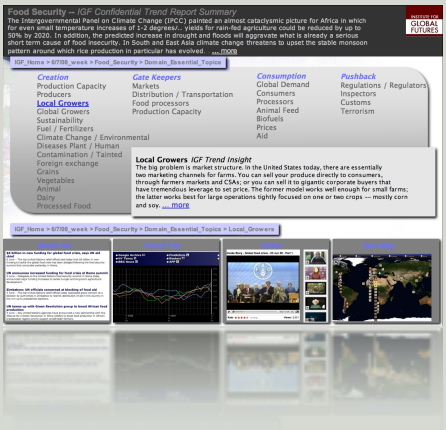
Clean-tech business intelligence, trend forecasting, strategic technology engineering and collaboration, consortium initiative management.

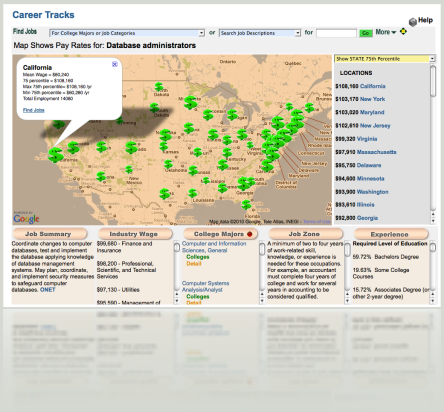




Technology Developments

Online Trend Tracking
Scenario Planning
Predictive Analytics
Business Intelligence Tools
Open Source Intelligence
Sentiment Analysis Methods
Data Mining Tools
Geospatial Situation Awareness
Artificial Intelligence Systems
Adaptive Robotics Controls
Semantic Networks
Swarm Intelligent Agents
Simulation and Modeling
Search Engines
Multidimensional Visualization
Stereoscopic Displays
Media Compression Codecs
Virtual Reality Systems
Collaboration Platforms
Hybrid VLSI Chip Design
Voice Recognition Systems
Acoustic Sensor Systems
Finite Element Analysis Tools
Facial Recognition Systems
Medical Sensor Analytics





Principal Investigators

Over 100 years of combined advanced technology forecasting & engineering expertise.

Dr. James Canton - CEO, founder, general and advanced technology futurist, author of Extreme Futures and other books

William S. Moulton - CIO, technology and media trend forecasting, AI systems, semantic networks, data mining, OSINT, adaptive controls, search engines, 3D display technology

Charles Ostman - Nanotech, biotech, information technology, ecology, financial technology

Steven B. Wolff - Voice recognition, VUI, sensor systems, acoustics, DSP, finite element analysis, radar systems, medical systems, wireless technology

Richard E. Wolton - Sensor systems, simulation and modeling, DSP, data mining, search engines, media compression, database systems, swarm computing, VLSI design, embedded systems

Nick Rivers - Social networks, collaboration platforms, web portals, internet technology

INSTITUTE FOR GLOBAL FUTURES®

Trend Forecasts
Scenario Research
Technology Planning
Technology Engineering
Executive Advisory
Keynotes

CEO
DR. JAMES CANTON

CIO
WILLIAM MOULTON

www.FutureGuru.com