

Caltech/MIT Enterprise Forum
March 8, 2008

**Water Overtakes Energy as the Critical Crisis?
*Venturing in Water Technology and Opportunity***

KEYNOTE SPEAKER

Timothy F. Brick

Chair

Metropolitan Water District Board of Directors

Tim Brick is the Chairman of the Board of Directors of the Metropolitan Water District of Southern California, the largest drinking water utility in the United States, providing water services to 18 million residents of Southern California. He is the senior member of the board, representing the City of Pasadena on that board since 1985. Mr. Brick is also the Managing Director of the Arroyo Seco Foundation, an environmental group that promotes better management for the Arroyo Seco watershed, a major tributary of the Los Angeles River, linking the San Gabriel Mountains to downtown Los Angeles.

Mr. Brick has had a long interest in the development of research and technology dealing with water. He served on the board of the Business Technology Center of Los Angeles for four years and currently serves on the board of the Alliance for Water Efficiency, a national campaign to promote wise water use.

The Metropolitan Water District of Southern California is a cooperative of 26 cities and water agencies serving 18 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.

ENTREPRENEURS/PANELISTS

Yoram Cohen, Ph.D.,

Professor, UCLA Dept. of Chemical Engineering

Director, UCLA Water Technology Research Center

Yoram Cohen is a Professor of Chemical Engineering at the University of California, Los Angeles. He is the Director of the UCLA Water Technology Research (WaTeR) and the UCLA Center for Environmental Risk Reduction. His research interests include Polymer Engineering, Separation Processes & Environmental Transport and Exposure & Impact Analysis. He is the Chair of the American Institute of Chemical Engineers Separations Division and was previously awarded the American Institute of Chemical Engineers Lawrence K. Cecil Award in Environmental Chemical Engineering. He has served as a Distinguished Visiting Professor at Victoria University and holds a Ph.D. from University of Delaware.

James M. Harris

Chief Executive Officer

Crystal Clear Technologies, Inc.

James M. Harris, Ph.D., currently serves as CEO for Crystal Clear Technologies, Inc. In addition to CEO, Dr. Harris is a Member of the Board & Founder. From 1995-2005, He served as President, CEO & Member of the Board for Redwood Microsystems, Inc. Prior to those dates, Dr. Harris was President, CEO, Chairman of the Board, & Founder for Purus, Inc.; Director, Hybrid System Products for National Semiconductor Corp.; and a Process Engineer for IBM. Dr. Harris received his Ph.D. in Materials Science and his B.S. in Metallurgy from M.I.T.

Charles F. Michaud

Technical Director
Systematix Company

Charles F. "Chubb" Michaud is the CEO and Technical Director of Systematix Company, of Buena Park, CA, which he founded in 1982. A University of Maine graduate, he holds a bachelor's and master's degree in Chemical Engineering and has 30+ years of field experience in water and fluid treatment applications and systems design. He holds several US Patents on ion exchange processes and has served numerous times as an expert witness and consultant on water treatment issues. He is a Director of ADVAC , Inc. of Milwaukee, WI.

An active member of the Water Quality Association, Michaud chaired the Ion Exchange Task Force (1999-2001) and now serves on the Water Sciences Committee Section and chairs the Commercial/Industrial Section. He is a Certified Water Specialist Level VI. He serves on the Board of Directors of the Pacific WQA, is past chair of its Education Committee and is currently the Technical Liaison for the Political Action Committee. He was a founding member of the Technical Review Committee for Water Conditioning and Purification Magazine since 1993. He has authored over 100 technical publications and papers and is a regular presenter at conventions.

Michaud began his technical career with Rohm and Haas Company in 1964, resigning as Western Regional Sales Manager in 1982, the year he founded Systematix Co. He has been associated in direct sales for the past 22 years with The Purolite Company, a world-wide manufacturer of ion exchange resins. He has participated in the design and commissioning of numerous groundwater treatment facilities.

Jim Simmons

Investor and Board Member
Sylvan Source

James P. Simmons Jr. has over 28 years of operating experience in high technology firms and served as an Entrepreneur in Residence for Draper Richards, an early stage venture capital firm. Now an individual investor, he is a board member at Sylvan Source, a board observer at LucidPort, and has served as a board observer at WiDeFi and Nusym, all privately held firms. Mr. Simmons served as Vice President, Marketing and Sales and Vice President, Marketing at Conductus and Superconductor Technologies from 1994 until 2002. In 2000, the market capitalization for Conductus exceeded \$1.3 Billion.

Previously, Mr. Simmons was Product Marketing and Applications Manager at Therma-Wave Inc. (now part of KLA-Tencor); Vice President, Marketing and Sales at Nanometrics; and Product Marketing Manager at KLA Instruments. He began his career by holding a variety of marketing and manufacturing management positions in wireless semiconductors and computers at Hewlett-Packard.

Mr. Simmons received a BS in Applied Physics with Honors from the California Institute of Technology and an MBA from the Harvard Business School. He is a lifetime member of the Caltech Alumni Association and is also a member of the VC Private Equity Roundtable and Northern California Harvard Business School Association.

MODERATORS / CO-PRODUCERS

Michael M. Krieger, Ph.D.

Attorney at Law

Willenken Wilson Loh & Lieb LLP
and Astrobotic Technologies, Inc.

Michael Krieger has practiced high technology business and intellectual property law for more than 20 years. His practice focuses on strategic counseling, litigation and preventive methods to both secure and exploit clients' key IP assets, from patents to web content. This emphasis ranges from patent litigation to issues involving development, licensing, services, and dispute resolution in the software and Internet arenas. His clients have ranged from start-ups to industry leaders, as well as the United Nations and technology transfer initiatives. He also has been an expert in technology litigation.

With degrees in mathematics (B.S., Caltech; Ph.D., UCLA) and law (UCLA), Michael spent 15 years on the MIT Mathematics and UCLA Computer Science faculties and as a Fulbright Scholar prior to practicing law. This background catalyzed early involvement with the law affecting encryption, the domain name-trademark clash, and open source, as well as IP litigation for content providers and patent holders.

Michael serves on the Board of the Enterprise Forum, and was member of the founding Board of the Business Technology Center in Altadena. He organized and frequently teaches a graduate seminar in technology law and business issues for UCLA's Computer Science Department. Currently he is Of Counsel to the Los Angeles litigation boutique Willenken Wilson Loh & Lieb LLP, and is serving as General Counsel for Astrobotic, the consortium committed to winning the Google Lunar X-Prize in 2009.

Lynn Foster

Emerging Technologies Director

Greenberg Traurig LLP

Lynn E. Foster is the Emerging Technologies Director of Greenberg Traurig LLP, one of the largest law firms in the United States. In this position he advises technology companies on technology transfer, patent licensing, strategic partnerships and raising capital.

Prior to joining Greenberg Traurig, Mr. Foster held technology industry positions in corporate, entrepreneurial and government settings, among them managing software development in the aerospace industry, heading a startup, and managing a seed stage commercialization grant program. He serves on the Executive Committee of the Caltech/MIT Enterprise Forum and the Advisory Board of Finaventures, a Venture Capital fund focused on early and mid-stage technology ventures.

Lynn is the editor and co-author of "Nanotechnology: Science, Innovation & Opportunity" (Prentice Hall, 2005) and authored the first Nanotechnology Trade Study. He serves on the U.S. Chamber of Commerce Nanotechnology and Emerging Technologies Committees. He also has 21 years of active and reserve service with the US Army including service in the first Gulf War and Bosnia. He holds an MBA and a BS in Production and Operations Management.



For more than five decades Christie, Parker & Hale (CPH) has rigorously protected the discoveries and inventions of their clients. They have watched Pasadena grow, Southern California blossom, and their own intellectual property practice surge forward to meet new challenges here and abroad.

Unlike general practice firms, CPH's practice is rooted in intellectual property. With breadth and depth of expertise, experience, judgment and creativity, they specialize in patents, trademarks, copyrights, trade secrets, unfair competition, plant variety protection, related litigation, and international property rights. CPH prides itself on fulfilling all of their clients' intellectual property needs. In addition to providing services in the patent, trademark, copyright, trade secret, unfair competition, plant variety protection, international intellectual property, and related litigation fields, CPH has a renowned Internet law practice.

Realizing the full potential of a client's business is their primary goal. They can best serve their Clients by developing long-term partnerships. CPH boasts a diverse client list including a mix of global corporations, emerging technology enterprises, portfolio companies of investor/private-equity funds and start-ups and entrepreneurs. Some of their most successful clients first came to them while still experimenting in their garages. Working hand-in-hand with them – CPH has obtained their first patent, guided them through their initial developments and watched them achieve market leadership.

Anticipating clients' needs, CPH provides practical, cost-effective advice. They create value in their services by thorough analysis, experienced judgment, and innovative approaches concerning:

- 1) The profitable exploitation of intellectual property
- 2) Controlling the costs of creating and protecting intellectual property
- 3) Licensing intellectual property
- 4) Creating and protecting intellectual property in foreign markets
- 5) Dealing with encroachment on intellectual property rights

In the tradition of their founders, all of the firm's patent attorneys hold degrees in some field of science or engineering including advanced degrees in biotechnology, computer science, electronics, mechanics, material sciences, chemistry, and medical technology. Their attorneys effectively handle subject matter in all fields of technology. Teaming seasoned litigators with technically versed patent prosecutors is one of their greatest strengths for successfully handling litigation and related issues.