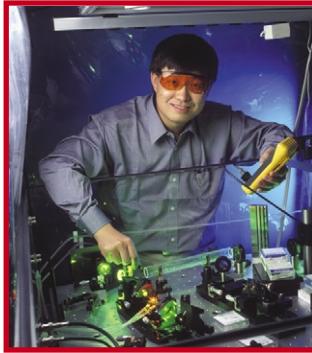
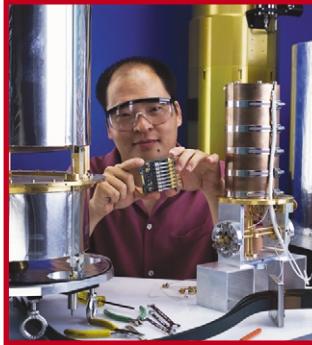




People



Two US National Institute of Standards Technology (NIST) researchers are Presidential Early Career Awards recipients. **Jun Ye**, of the Quantum Physics division of NIST's Physics Lab, and **Sae Woo Nam**, of Quantum Electrical Metrology division of NIST's E&Elec. Eng. Lab are among 57 chosen for the 2002 PECASE awards.



Both receive research grants to fund up to five years research to further their studies in support of critical government missions.

Dr Charles Huang, Anadigic's CTO and co-founder, has been honoured for pioneering contributions to GaAs semiconductor development. He is one of three people in the category Outstanding Researchers inducted into the NJ High-Tech Hall of Fame for 2004 for his "contributions to the electronics industry which have laid the groundwork for many benefits we all enjoy from today's advanced cellular phones, interactive cable television systems,

and high speed fiber-optic networks."

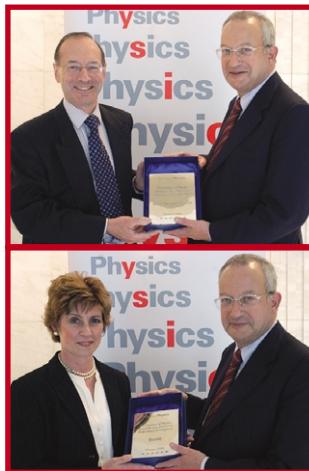
After five years as **Cadence Design Systems** president and CEO, **Ray Bingham** has moved to chairman of the Cadence board of directors. His place is taken by former Intel executive, **Michael J. Fister**.

Motorola subsidiary **Freescale Semiconductor's** CEO **Scott Anderson** is replaced with **Michel Mayer**, 20-year IBM veteran, most recently GM of IBM Microelectronics. Anderson remains president, while Mayer serves as CEO and chair. Mayer worked on IBM Microelectronics' worldwide management council. Responsibilities included providing semiconductors to IBM product divisions and to external businesses. In addition, he revised the strategic direction to more profitable growth.

Professor John Marshall has been appointed to the **Light Sciences'** scientific advisory board. Frost Professor of Ophthalmology and head of Ophthalmology at Guy's and St Thomas' hospitals, University of London, Marshall is also co-inventor of the world's first diode laser for ophthalmology and of excimer laser technology for refractive surgery. He is a pioneer and expert on laser and light bio-effects in the field of ophthalmology. "Light Sciences has an important technology and drug combination that may make a significant contribution in treating a leading cause of adult blindness – age-related macular degeneration," he says speaking of Litx. This is a next-generation photodynamic therapy platform in which the drug, LS11 (talaporfin sodium), is activated by light from an LED-based light infusion device.

Litx is currently in an investigator-sponsored clinical study in Europe, treating advanced eye disease. It is also being used in a multi-centre Phase II clinical trial, treating patients with liver metastases arising from colorectal cancer. In addition Litx is being developed for use against cardiovascular disease.

The first UK **Institute of Physics Award** for best practice in professional development was presented by Lord Sainsbury to **Dr Dolores Byrne** for QinetiQ and **Dr Derek Edens** for the BNFL Berkeley



Centre. The award is given to the companies who show most successful and innovative solutions to staff development.

Ultratech Inc, supplier of photolithography systems for semiconductors and nanotechnology devices, has named **Kosei Nomiya** to the newly created position of chairman of Ultratech Japan KK. Nomiya has 36 years experience, and has held several executive positions at Hitachi Semiconductor, including GM and CEO. His most recent post was CEO of the semiconductor equipment business group of Kokusai Electric – a subsidiary of Hitachi. Nomiya will report

directly to Ultratech chairman and CEO Arthur W. Zafiropoulos.

Irvine-based **SolarFlare Communications** has appointed Scott Hughes as VP of Finance and Administration. Hughes was mostly recently at Quantum Corp, and has served at Western Digital and Hewitt Associates.

Manufacturer of GaN based RF power transistors, **Nitronex** has appointed Chris Rauh as VP of Sales and Marketing. Rauh will lead Nitronex's global sales and marketing efforts to deliver advanced GaN on silicon products for the electronics industry. Rauh will be responsible for new business development and building key strategic partnerships to promote the commercialisation of GaN based products and oversee all North American, European and Asian customer relationships and strategic alliances.

Trikon Technologies Inc has appointed Bill Elder an independent director. Board chairman, Dr Chris Dobson said, "Bill has extensive experience with the capital equipment industry dealing with many of the same challenges we face on a day to day basis and I am confident that he will be able to help us achieve our goals."

Dr Elder was a Genus Inc founder and currently serves as its chair, president and CEO. In his tenure at Genus, he was instrumental in pioneering CVD tungsten, MeV ion implant technologies and atomic layer deposition hi-K dielectric thin films into volume manufacturing.

Trikon also appointed **Scott Brown** as senior VP of North American sales and operations. The 25-year veteran has held senior sales posts with Eaton and Materials Research Corp. **KLA-Tencor's** president and COO **Gary Dickerson** has

resigned. His responsibilities are assumed by CEO, **Kenneth L. Schroeder**. Higher revenues and net income for March quarter, had an uncertain guidance for KLA-Tencor's June quarter, order growth hinging on two very large orders that could slip into September instead.

Oscilloscopes and related T&M supplier **LeCroy Corp**, has appointed Norman R. 'Bud' Robertson, to its board to serve on the audit committee as the designated financial expert. Robertson is senior VP, finance and administration, and CFO for Progress Software Corporation. Prior to that he was director of finance and admin, and treasurer of M/A-Com Inc.

Rohm and Haas shareholders elected **Gary L Rogers** to its board. Rogers, was most recently VC of General Electric Company.

William J. Kroll, chair, president & CEO of Matheson Tri-Gas Inc is appointed to the board of directors of Matheson Tri-Gas' parent company, **Nippon Sanso Corporation**. Hiroshi Taguchi, president & CEO of Nippon Sanso Corp, said "Bill is well-known and respected in the global gas industry, with vast and proven experience. His understanding of gas technology and his vast network of industry professionals will prove essential to our growth strategies."

Dr Wolfgang Ziebart is to be CEO & president at **Infineon**



Technologies, taking over by September 1, 2004. The Munich educated engineer, began his career at BMW, holding several posts, before achieving responsibility for electronics developments and appointed to the management board. In 2000, he moved to Hanover auto supplier Continental AG, to head the auto systems division, focused on auto electronics and brake systems. A year later, he was appointed deputy chair of the executive board at Continental AG. "Thanks to his experience with turnarounds, knowledge of the industry and his technical expertise, Dr. Ziebart displays all the outstanding qualifications required of a CEO at Infineon," says stand-in CEO, Max Dietrich Kley.

Three engineers, out of four **Montana State University** professors, have received **National Science Foundation Awards** totalling \$1.5m for their contributions to research, education and outreach. The awards will cover salaries, research expenses and graduate student work. **Sarah Codd** of the College of Engineering received NSF's Advance fellowships and **James Becker** and **Joe Seymour**, both from engineering, received NSF's Career awards. Codd received \$387,000 for work as co-director of MSU's Magnetic Resonance Microscopy Laboratory. She co-directs the lab with Seymour, whose \$400,000 Career award recognizes his work in magnetic resonance microscopy. Becker's \$400,000 award will fund five years of research and teaching on the need for low-cost power sources for millimeter and sub-millimeter wave frequencies. Such low-cost sources are needed to use this portion of the electromagnetic spectrum, considered the most difficult to harness. Advance bonding technology company, **Ziptronix** has

appointed **Michael Dreyer** VP Manufacturing, and **Beth Roach** VP of Finance & Admin. Dreyer has more than 16 years technical, manufacturing and business experience. Roach's early stage company expertise makes her a key member of the team.

"Michael has the optimal combination of business savvy and technical expertise required to lead Ziptronix' manufacturing team, and we're thrilled to welcome him on board. Beth's start-up track record and diverse background will be critical in the company's success," said CEO Doug Milner.

Prior to joining Ziptronix, Michael was VP and GM of Axcelis Technologies' Dry Strip and UV products. Previously, he spent 12 with Motorola responsible from 1989-95 for developing a variety of technologies for Bipolar and BiCMOS applications at Motorola's Bipolar Technology Center.

World Wide Web inventor, **Tim Berners-Lee** has won the first-ever *Millennium Technology Prize*.



The honour worth €1m, is from the Finnish Technology Award Foundation as international acknowledgement of outstanding technological innovation that promotes quality of life, is based on humane values, & encourages sustainable economic development.

Currently Berners-Lee works at the World Wide Web Consortium at MIT in Boston. His current forward web view includes: understanding the Resource Description Framework model to have a well-defined data model, as the Semantic Web becomes all-important; Scalable Vector Graphics (at last) which can be rendered optimally on all

sizes of device; Voice Input and Output becoming competent for user interface (W3C has standards in that area coming along); and XML Signatures now allow digital signature of XML documents. [www.w3.org]

Academic and research positions in **Korea**, at the end of May called offered **female scientists posts** in the Department of Physics, **Chonbuk National University** Department of Physics. A **faculty post** was offered in Experimental Solid State Physics at **Dongguk University's Department of Physics**. At **Pohang University of Science and Technology** applications were invited for two tenure-track positions at the **assistant or assoc.professor** level in nano-materials or biomaterials. At **Hankuk University of Foreign Studies** a faculty position is offered in thin film growth or semiconductor physics starting in Sept. 2004 Web:<http://www.physics.umd.edu/robot/jobs/korea.html>

AXT Inc has implemented management change. **Donald Tatzin**, formerly CFO, becomes interim CEO. **Wilson Cheung**, AXT's VP, corporate controller, is promoted to CFO. **Morris Young**, AXT's chair, president & CEO will be responsible for improving and expanding AXT's China operation. He remains a director. Board member, **Jesse Chen**, becomes board chairman. AXT board of directors indicated a desire to separate the role of chairman and CEO.

David Markle, **Ultratech**'s CTO, was elected to the prestigious National Academy of Engineers regarded as one of the highest professional distinctions for an engineer. His election was based on his instrumental role in the invention & development of advanced photolithography systems used in manufacture of semiconductor devices.