

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

**SCHEDULE 14A**

(RULE 14a-101)  
INFORMATION REQUIRED IN PROXY STATEMENT

**SCHEDULE 14A INFORMATION**

Proxy Statement Pursuant to Section 14(a)  
of the Securities Exchange Act of 1934

Filed by the Registrant o

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to §240.14a-12

**VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.**

(Name of Registrant as Specified In Its Charter)

**APPLIED MATERIALS, INC.**

(Name of Person(s) Filing Proxy Statement, if other than Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies: N/A

(2) Aggregate number of securities to which transaction applies: N/A

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined): N/A

(4) Proposed maximum aggregate value of transaction: N/A

(5) Total fee paid: N/A

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid: N/A

(2) Form, Schedule or Registration Statement No.: N/A

(3) Filing Party: N/A

(4) Date Filed: N/A

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## **Important Information**

On May 4, 2011, Applied Materials, Inc. (“Applied”) provided the following documents to employees of Varian Semiconductor Equipment Associates, Inc. (“Varian”): (i) presentation slides utilized in communicating with Varian’s employees, and (ii) frequently asked questions. Each of the foregoing are filed herewith pursuant to Rule 14a-12.

### **Additional Information and Where to Find It**

Varian intends to file with the Securities and Exchange Commission (the “SEC”) a proxy statement in connection with the proposed acquisition. The definitive proxy statement will be sent or given to the stockholders of Varian and will contain important information about the proposed acquisition and related matters. SECURITY HOLDERS ARE URGED TO READ THE PROXY STATEMENT CAREFULLY WHEN IT BECOMES AVAILABLE. The proxy statement and other relevant materials (when they become available), and any other documents filed by Varian with the SEC, may be obtained free of charge at the SEC’s website, at [www.sec.gov](http://www.sec.gov). In addition, security holders will be able to obtain free copies of the proxy statement from Varian by contacting Investor Relations by mail at Varian Semiconductor, 35 Dory Road, Gloucester, MA 01930, Attn: Investor Relations Department; or by telephone at 978-282-2000.


### **Participants in the Solicitation**

Varian and Applied and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from Varian’s stockholders in connection with the proposed transaction. Information about Varian’s directors and executive officers is set forth in Varian’s proxy statement for its 2011 Annual Meeting of Stockholders, which was filed with the SEC on December 1, 2010, and its Annual Report on Form 10-K for the year ended October 1, 2010, which was filed with the SEC on November 22, 2010. These documents are available free of charge at the SEC’s web site at [www.sec.gov](http://www.sec.gov), and from Varian by contacting Investor Relations by mail at Varian Semiconductor, 35 Dory Road, Gloucester, MA 01930, Attn: Investor Relations Department; or by telephone at 978-282-2000, or by going to Varian’s Investor Relations page on its corporate web site at [www.vsea.com](http://www.vsea.com). Information about Applied’s directors and executive officers is set forth in Applied’s proxy statement for its 2011 Annual Meeting of Stockholders, which was filed with the SEC on January 27, 2011, and its Annual Report on Form 10-K for the year ended October 31, 2010, which was filed with the SEC on December 10, 2010. These documents are available free of charge at the SEC’s web site at [www.sec.gov](http://www.sec.gov), and from Applied by contacting Investor Relations by mail at Applied Materials, 3050 Bowers Avenue M/S 1261, P.O. Box 58039, Santa Clara, CA 95052-8039, Attn: Investor Relations Department, or by going to Applied’s Investor Relations page on its corporate web site at [www.appliedmaterials.com](http://www.appliedmaterials.com). Additional information regarding the interests of participants in the solicitation of proxies in connection with the transaction will be included in the proxy statement that Varian intends to file with the SEC.

### **Forward Looking Statements**

These documents contain forward-looking statements, including those related to Applied’s proposed acquisition of Varian and the expected benefits of the transaction. These statements are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements, including but not limited to: satisfaction of conditions to closing of the transaction, including the ability to secure regulatory approvals in a timely manner or at all, and approval by Varian’s stockholders; and other risks described in Applied’s SEC filings. All forward-looking statements are based on management’s estimates, projections and assumptions as of the date hereof, and Applied undertakes no obligation to update any forward-looking statements.

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# Applied – Varian Announcement Day

**Mike Splinter**

Chairman and CEO

May 4, 2011

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JOINING  
TWO  
GREAT  
COMPANIES

=

Excitement

Opportunity

Potential



Founded Nov 10, 1967

FY'10 revenue = \$9.5B

Leader in semi, display and solar

13,000 employees in 21 countries

>8,000 issued patents

# Applied Materials Organization



SSG



DISPLAY



EES



AGS

Inspection  
Etch  
Thermal  
Deposition  
Metals  
Plating  
Planarization

Transistor  
Color filter  
OLED  
Touch

Solar Metalization  
Solar Wafering  
LED-MOCVD

Service  
Software  
Automation

# Corporate Strategy Priorities

Focus on **innovation & product creation**

Increase **inorganic investment**

Make **WWOps** a competitive advantage

Deliver optimal **customer experience**

Intensify **people development**

External Use





# Excitement, Opportunity, Potential

for **OUR COMPANIES**

To grow core businesses and penetrate new markets

for **CUSTOMERS**

To offer exceptional products and service to help solve our customers' challenges

for **EMPLOYEES**

To drive cutting edge technology innovation

## CONVERGENCE

## RENEWED INNOVATION

## THE AGE OF CONNECTIVITY

Gesture recognition  
350,000 Apps  
Smart phones  
Touch panels  
Tablets  
Cloud computing  
Geo-tagging

**3** Connected Everything

**2** Connected Industries

**1** Connected Consumer Electronics

Computing

Mobility

User Interface

Open Platforms





# Announcement Day Employee Meeting

**Randhir Thakur, Ph.D.**

Executive Vice President and General Manager  
Silicon Systems Group

May 4, 2011

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# We look forward to Varian joining the Applied Materials SSG organization!

Complementary products and business activities –  
**good for employees, good for customers**

Provides opportunity for us, as one company, to  
**share our knowledge, grow our business**  
and *innovate*

Strengthens our **technical capability**  
and makes us more **efficient**



# Silicon Systems Group

## OUR VISION

WE **APPLY** NANOMANUFACTURING TECHNOLOGY TO PRODUCE VIRTUALLY EVERY CHIP AROUND THE WORLD

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## OUR MISSION

TO **LEAD** THE INDUSTRY WITH INNOVATIVE SOLUTIONS AIMED AT INFLECTIONS THAT ENABLE OUR CUSTOMERS' SUCCESS

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## OUR STRATEGY

TO **GROW** AND EXTEND SSG MARKET LEADERSHIP THROUGH INVESTMENT IN ORGANIC AND INORGANIC OPPORTUNITIES

# Products That Complement One Another



Inspection



Etch



Thermal



Deposition



Metals



Plating



Planarization

# What We Believe In

**Close to Customers**

**Focus on Products and Innovation**

**People are our Foundation**

**Refuse to Lose**

# We Are Excited to Welcome You To Applied!

As a team, we will do great things TOGETHER

We look forward to your support as we move ahead

**1+1=3**





Turning innovations  
into industries.™



**Madonna Bolano**

VP, Human Resources  
Silicon Systems Group (SSG)

May 4, 2011

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# Bringing our companies together

We can learn a lot from each other...

... coming together creates opportunities.

We know some days will feel challenging.

It will take a little time and patience...

... an open mind  
and a good sense of humor.

**We'll plan and work together  
to make our combined company successful!**

# Applied Materials Worldwide

91 Worldwide Locations, 22 Countries



- Sales and/or Service Offices
- ★ Research, Development and Engineering and/or Manufacturing Centers:

Silicon Valley, California	Alzenau, Germany
Austin, Texas	Dresden, Germany
Kalispell, Montana	Feldkirchen, Germany
Toronto, Canada	Heimstetten, Germany
Rehovot, Israel	Cheseaux, Switzerland
Bangalore, India	Treviso, Italy
Chennai, India	Hukou, Taiwan
Xi'an, China	Tainan, Taiwan
Singapore	

Worldwide Locations – Data as of Q4'10

## A Few Things We Know Today...

- We look forward to welcoming you to Applied at close
- Base pay is comparable
- All Applied employees participate in a bonus program
- Varian service time will be honored
- We both have competitive, comprehensive and in many ways, comparable compensation and benefits programs
- Close and Welcome Day:
  - We will follow local country regulations & processes
  - You will receive welcome and orientation information



Turning innovations  
into industries.™

## Forward-Looking Statements

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External Use



## Additional Information and Where to Find It

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**Date: May 4, 2011**

**To: Varian Employees**

**From: Applied Human Resources**

**Re: Questions and Answers about the Acquisition**

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As we begin our work toward becoming one company, we understand there are some questions that you may have about the Applied acquisition of Varian. In fact, at this stage, we know there are more questions than available answers. We have many areas to explore and decisions to make as the companies come together.

Questions are organized in these sections:

- Combining Applied and Varian
- My Department and Role
- My Rewards
- Other Questions

## **COMBINING APPLIED AND VARIAN**

### **Q1: Why does this acquisition make sense for Applied and Varian?**

**A1:** Applied and Varian are both companies that share a focus on product innovation, customer satisfaction and operational excellence. Varian's leading technology in ion implant and materials modification products complements Applied's successful wafer fabrication equipment offerings and will extend Applied's reach in this area. The combination of the companies' technologies and teams will help the world's leading chip makers solve the increasing challenges of increasing transistor complexity. Varian's technology also has potential applications in Applied's adjacent markets including solar, display and LED. In addition to Varian's technology, the acquisition also brings Applied strong management, technical talent and a legacy of excellence in customer service, which will enhance Applied's well-established global infrastructure.

### **Q2: What is the timeline?**

**A2:** The timing of the close of the transaction is subject to satisfaction of customary conditions, including regulatory review and approval by Varian's shareholders. As we know more about timing, it will be shared.

### **Q3: Are there parts of Varian's business that will bring enhancements to Applied?**

**A3:** Varian is an excellent company, with a leading position in a large and strategic market, a history of innovation, an excellent management and technical team, strong customer relationships, a strong customer support organization, and potential applications in emerging applications. Together we believe we can provide even better solutions to our customers more effectively and efficiently than before.

### **Q4: What will you do to assure a successful integration?**

**A4:** Applied and Varian will be organizing integration teams to work toward a smooth transition after the transaction closes, using a tested process that has worked well for past Applied acquisitions. The integration team will do all it can to allow you to continue to focus on your work and the business by addressing barriers and issues as they

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arise, and work to minimize disruptions. You'll be hearing more details about the work of the integration team in the weeks and months ahead.

**Q5: What can I do to help with a successful integration?**

**A5:** Becoming one company after close takes all of us working together to make effective decisions and identify opportunities for us to learn from each other to become a better combined company. During the time between the announcement and close, we are two separate companies and you should continue to focus on your work supporting Varian's ongoing business success. As we work through integration plans, we want you to share your ideas and be open to considering new ways of doing things. Finally, communicate with your manager and your leadership team through the feedback channels that already exist and those that they will establish.

**Q6: When will we hear more about key announcements?**

**A6:** Your management team will keep you updated as additional information becomes available.

**Q7: What is Applied like as a company? How is it different than Varian?**

**A7:** You can begin to get a sense of Applied by visiting [www.Applied.com](http://www.Applied.com) and reviewing the "About" section. Applied and Varian are organizations that share a focus on innovation, customer experience and operational excellence. We look forward to sharing more with you about Applied as we prepare for the close of the acquisition.

**MY DEPARTMENT AND ROLE**

**Q8: Will Varian be a separate independent business of Applied, or will it be combined with another part of the organization?**

**A8:** Varian will operate as a business unit within Applied's largest business segment - Silicon Systems Group (SSG). Soon after close, it is expected that Varian's support functions, such as Finance, HR, Services and IT, will become part of Applied's existing comparable organizations.

**Q9: Will all Varian employees be joining Applied?**

**A9:** Yes, we look forward to welcoming all Varian employees at close. Varian is a well-run company with strong management, technology, and customer service. Our priority will be to preserve these strengths. It is important to us to ensure continuity in innovation and operations and we believe Varian employees will be instrumental in the future success of the business, both in ion implantation and new markets.

**Q10: After close, will my job at Varian change?**

**A10:** It is important to us to ensure continuity in innovation and operations, but at this time, the organizational design for the combined groups has not yet been finalized. However, for the most part, and for most employees, your job with Applied will be the same as it has been with Varian.

**Q11: Will Varian employees have a new manager?**

**A11:** As we work through the integration, we will collaborate with the Varian leadership team to best determine how to structure the organization. For the most part, we expect changes to be minimal and most employees will continue to report to their same manager.

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**Q12: Will employees be transferred to new locations or will the current operations be maintained?**

**A12:** Varian will continue to be based in Gloucester, MA. We expect that most employees will remain in their current location. In the future, it is possible that some employees could be offered a new opportunity within Applied and such a move could involve relocation.

**Q13: What will happen to active projects and current or planned initiatives?**

**A13:** We will continue to operate as separate companies until the close. Decisions regarding the status of current initiatives will be made after the closing.

#### **MY REWARDS**

**Q14: Will employee compensation and benefits be comparable?**

**A14:** As a guiding principle, Applied's standard practice is to integrate new employees into our programs as soon as practical after the close of the acquisition. There are some differences, but generally employees should expect similar and competitive compensation and benefits package offered by Applied. An employee welcome and orientation package (to be received closer to the estimated closing period) will provide a detailed summary of Applied benefits in each location.

**Q15: What happens to my medical plan and what does Applied offer for this benefit?**

**A15:** If this acquisition closes in the coming months, we anticipate that you will continue your current health plan through the end of calendar year 2011. Our expectation is that you would transition to Applied health plans for calendar year 2012. Applied offers comprehensive health plan choices that are generally competitive in the market place and comparable to Varian's health plan.

**Q16: What will happen to my vacation and sick leave?**

**A16:** Within the U.S., Applied has a Personal Time Off (PTO) policy, which is a comprehensive time off program used for vacation, sick and personal days. All U.S. Applied employees accrue hours each pay period based on years of service which will include service with Varian. As part of the planning process, we will be looking at options for transitioning U.S. Varian employees into the Applied PTO system.

Outside the US, we will recognize your years of service with Varian and look at options for transitioning to Applied programs in each country, consistent with local practice and requirements.

**Q17: Will my years of service with Varian be recognized?**

**A17:** Yes. Each employee's years of service with Varian, as recorded by Varian, will be recognized by Applied for those benefits that vest according to service such as service awards, paid time off accruals and other benefits.

**Q18: Will Varian employees' base pay change?**

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**A18:** We do not anticipate changes to base pay for Varian employees. Both organizations have similar pay philosophies and target markets for pay. We anticipate going through a process of mapping Varian jobs to Applied jobs, including corresponding pay ranges, which in most cases are expected to be similar to those used by Varian. In addition, all Applied employees are eligible to participate in a bonus program.

**Q19: What happens to my Varian stock? Will I get Applied stock?**

**A19:** The answer varies depending on the type of stock compensation and from which stock Plan they were granted. Vested options granted under the Amended and Restated Omnibus Stock Plan and all unvested stock options generally will be assumed and converted into Applied options on substantially equivalent terms, with the exercise price and number of shares adjusted to reflect the merger. Unvested restricted stock will be assumed and converted into a right to receive cash equal to the per share merger consideration. All assumed unvested awards will continue to vest based on continued employment with Applied.

Vested options granted under Varian's 2006 Stock Incentive Plan generally will be converted into cash equal to the difference between the merger consideration and the exercise price of such options. If you are a recipient of a stock compensation grant, you will receive specific details when we get closer to close.

**Q20: What about my U.S. 401(k) Plan?**

**A20:** Prior to the close, we expect that there will be no change to your 401(k) plan. You will be able to continue your contributions, receive the employer match, repay loans and access your funds as is now provided for in your plan. It is anticipated that at some point after the acquisition is complete, you will begin participation in the Applied plan. Applied provides automatic enrollment, a dollar for dollar match for the first 3% of pay that an employee contributes to the plan and fifty cents for every dollar on the next 3% of pay for a total of 4.5% fully vested match. Both Applied and Varian use Fidelity to provide services to the plan so access to both accounts may be familiar. More details and specific information will be forthcoming.

## **OTHER QUESTIONS**

**Q21: What type of training will Varian employees be asked to take?**

**A21:** Applied will evaluate in detail the training already taken by Varian employees and, where appropriate, will credit Varian employees for equivalent training where they have already been certified. Applied specific training will be made available following the close of the transaction. In addition, Varian employees will have access to the wide variety of training and development resources available to Applied employees.

**Q22: Will there be any further consultations about this transaction with employees?**

**A22:** Yes, where required by local law and practice.

**Q23: Where can I go to get more information? Will my manager be informed of information?**

**A23:** Keep in mind, we are still two separate companies. We will be as open as we can be through this pre-close and integration period. Your manager has access to the same information you do and can help you review the

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information as it becomes available. Much of our important planning work is to come, which we will do as quickly as possible and with care about critical decisions. We know it can be difficult to wait for answers. As information becomes available, it will be shared with you and your manager.

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