

Synopsys Week in Armenia **September 29-October 2, 2008**

Gayane Markosyan
Senior University Program
Coordinator
October 10, 2008



Synopsys Week in Armenia

September 29-October 2, 2008

- **Press Conference at Synopsys Armenia**
- **3rd Annual Armenian Microelectronics Olympiad**
- **Ceremony of handing the Annual Educational Awards of RA President to the best IT students at Synopsys**
- **Meeting with RA President Serzh Sargsyan**
- **Commencement - 2008**
- **Ceremony of handing Synopsys Certificates to RAU students**
- **Chi-Foon Chan's presentation for managers**
- **Reception for the winners of the Presidential IT Awards and Microelectronics Olympiad**
- **Community Volunteer Event**
- **Rich Goldman's lectures at NAS RA, YSU and SEUA**
- **Participation in Digitec'08, Rich Goldman's lecture at Digitec'08**

- **ArmTech Congress'08**

Press Conference at Synopsys Armenia on Synopsys Week 2008 *(September 30, 2008)*



Press release:
Synopsys Week in Armenia
to be Held in Yerevan Starting
September 29

Synopsys Celebrates Development of a New Product as well as Joint Achievements of Academia, Business and Government in Republic of Armenia (RA) to Support the Development of the Armenian High Tech Industry



Press Conference at Synopsys Armenia on Synopsys Week 2008 (September 30, 2008)

Dr. Chi-Foon Chan, president and chief operating officer for Synopsys, Inc., said, “Armenia is a very important location for Synopsys, and we are entrusting some significant developments to engineers here. The Synopsys Galaxy Customer Designer solution is an outstanding example of what the team in Armenia can accomplish, and we are proud of their work.”



Rich Goldman, vice president of Corporate Marketing and Strategic Alliances at Synopsys, and chief executive officer of Synopsys Armenia CJSC said, “We have worked with academia, business, and the government in Armenia to build a productive, market-oriented environment that supports the development of the high tech industry in Armenia, which in turn benefits Armenia’s overall economy. Our combined efforts are proving to be fruitful, though there is still much work to do. Because so many people and groups in Armenia join in contributing to this success, we feel it is appropriate to celebrate all that we are doing together. In most countries, a day would be sufficient for this, but in Armenia, an entire week can barely contain all the activities of this community. The week’s agenda is very full, and is indicative of everyone’s great efforts. I look forward to participating in Synopsys Week, celebrating our progress, and moving ahead with the great work we plan to accomplish together.”

Press Conference at Synopsys Armenia on Synopsys Week 2008 *(September 30, 2008)*

“Declaring Synopsys Week in September is very symbolic because last year’s September was declared by the government as IT Month and was full with different related events,” said Hovik Musayelyan, executive director of Synopsys Armenia. “Synopsys Week does not mean that we are active for one week only. It simply means that we will present all our activities and accomplishments from the last 12 months in one week to promote interest in the high tech sector and our company’s role in its development.”



Among the accomplishments Synopsys celebrated is the recent introduction of its Galaxy Custom Designer™ solution. Synopsys Armenia’s engineering team played a major role in developing this important and strategic new product. Galaxy Custom Designer is the electronic design automation (EDA) industry’s first modern-era mixed-signal implementation solution. Architected for productivity, Galaxy Custom Designer can provide a unified solution for custom and digital designs, thereby enhancing designer efficiency.

3rd Annual Armenian Microelectronics Olympiad (September 29, 2008)



Competition among Armenia's Young Engineers and Students Spans Broad Array of Silicon Technologies

**Press release:
Third Annual Armenian
Microelectronics Olympiad Attracts
115 Competitors for 17 Prizes
during Synopsys Week**



3rd Annual Armenian Microelectronics Olympiad

(September 29, 2008)



“Holding the Microelectronics Olympiad and similar events in Armenia undoubtedly helps us maintain the best practices of the IT sector in our country as well as stimulate future developments,” said Tigran Sargsyan, premier minister of the Republic of Armenia. “Through the Olympiad, young specialists are introduced to contemporary microelectronics problems and requirements. Exposing them to these problems early on will help them direct their knowledge to meet current technology demands and help fill the professional ranks with highly qualified specialists in the future.”

“Such Olympiads are very useful to us,” said fourth course Bachelor student of Synopsys Armenia Educational program Eduard Babayan. “The Olympiad is useful in three aspects. First, you are preparing yourself to participate in it, second, you check your knowledge and third, you analyze your results and start to work on improving them.”



3rd Annual Armenian Microelectronics Olympiad

(September 29, 2008)

“The first two Olympiads surpassed all our expectations for success,” said Rich Goldman, President of the Organizing Committee of the Olympiad, vice president of Corporate Marketing and Strategic Alliances at Synopsys, and chief executive officer of Synopsys Armenia CSJC. “The Third Armenian Microelectronics Olympiad took place in the state-of-the-art Synopsys campus, the most advanced engineering facility in Armenia. This is the former site of the “Transistor” facility, a mainstay of the former Armenian microelectronics industry. Just as we have restored this building from a once-abandoned facility to a modern engineering building, these young, talented engineers will help transform the Armenian microelectronics industry to a modern and leading industry for this country.”



“We have invited everyone who has sufficient knowledge not only in the sphere of microelectronics and electronic design, but also in programming, mathematic methods and algorithms, to participate in this Olympiad,” said Vazgen Melikyan, president of the Program Committee of Olympiad, director of Synopsys Armenia Educational Department, head of the interdepartmental chair of SEUA “Microelectronic Circuits and Systems,” honorable scientist of RA, professor. “The Olympiad is a good opportunity to present their knowledge and skills, evaluate them and determine the right way to develop them.”

3rd Annual Armenian Microelectronics Olympiad

(September 29, 2008)

The Olympiad was conducted in two stages. The first stages were held on September 16 in Gyumri and on September 18 in Yerevan and took the form of a test involving a number of basic tasks. The top contestants were admitted to the second stage, which involved a challenging contest and complex tasks requiring advanced solutions. Of the 115 participants in the first stage (15 of them from Gyumri), 49 passed to the second stage (8 of them from Gyumri). Synopsys held an evening reception to announce the final winners.

Six prizes were given for the following categories:

- Notebook computer to the winner.
- 300000 AMD to each of two winners.
- 150000 AMD to each of three winners.

Prizes were also awarded in a number of sponsored categories:

- Most Efficient Solution – from Media Style Holding
- Most Creative Approach – from Nsourcer TM Art Sight
- Best Engineering Solution – from Virage Logic
- Best Out-of-the-Box Solution – from UITE
- Youngest Participant– from UMBA
- Best Result among Female Participants – from ARMINCO CJSC
- Best Result among Participants from Gyumri – from USAID CAPS
- Best Result from Radio Frequency Circuits – from K-Telecom (VIVACELL-MTS)



Ceremony of handing the Annual Educational Awards of RA President to the best IT students at Synopsys

(September 30, 2008)



**Press release:
Armenia's Best IT Students
Receive Annual Presidential
Awards during Synopsys Week**

*Synopsys and Armenian Government
Honor Students Preparing for High-Tech
Careers*



Ceremony of handing the Annual Educational Awards of RA President to the best IT students at Synopsys

(September 30, 2008)

“It is an honor to continue the tradition of the Presidential IT Awards with President Serge Sargsyan,” said Rich Goldman, co director of the Board of the Annual Presidential Educational Awards, vice president of Corporate Marketing and Strategic Alliances at Synopsys, and chief executive officer of Synopsys Armenia CJSC. “The awards are becoming an enduring testament to Armenia’s growing prowess in engineering.”



“The intellectual level of award participants this year has increased significantly,” said Hovik Musayelyan, president of the Annual Presidential Educational Awards Committee, and executive director of Synopsys Armenia SJCS. “These young people will help lead our workforce and are expected to make a serious contribution to Armenia’s future.”

Ceremony of handing the Annual Educational Awards of RA President to the best IT students at Synopsys

(September 30, 2008)

“The development of the IT industry in Armenia is very important,” said Ara Vardanyan, co-director of the Board of the Annual Presidential Educational Awards, and acting executive director of the Hayastan All-Armenian Fund. “By promoting their achievements we can help motivate and encourage our youth to work harder and acquire more knowledge. I’m confident that the winners of these awards are going to play key roles in tomorrow’s Armenian IT sphere.”



“I’m honored to have been nominated and to be one of the winners in this inspiring group,” said Ani Harutyunyan, the 1st category winner amongst the “Best Bachelor Student” nominees. “Receiving this award at the beginning of my career obligates me to do my best for the bright future of Armenia.”

Ceremony of handing the Annual Educational Awards of RA President to the best IT students at Synopsys

(September 30, 2008)

The awards honor students who have the highest grades, are active in social programs, have participated in Armenian Microelectronics Olympiads, have written scientific papers or articles, and who have comprehensive knowledge and talent.

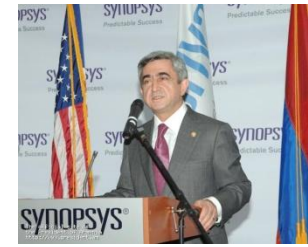


In 2008, the committee selected 20 deserving students from the State Engineering University of Armenia (SEUA), Yerevan State University (YSU), the Engineering College of the American University of Armenia (AUA), and the Russian-Armenian (Slavonic) State University (RAU). Nine students were also chosen from eligible high schools, including the A. Shahinyan Physics-Math Special School, Quant College, Anania Shirakatsi College, Photon College from Gyumri, and Evrika College of Vanadzor.

The Presidential IT Awards Committee screened 134 nominees: 83 students from four universities and 51 pupils from six schools.

Meeting with RA President Serzh Sargsyan at Synopsys Armenia (September 30, 2008)





<http://www.president.am/events/news/eng/?day=30&month=09&year=2008&id=217>

Presidential Awards to the best students and pupils

30.09.2008

On September 30, the 29 best students and pupils in the area of information technologies were given Presidential awards.

President Sargsyan met with the winners. “This competition, which is called to reveal young and gifted specialists who excelled in the area of information technology, is an important event. I congratulate all winners and want to say that the important thing is that you have been able to win among your peers, and that you have been able to prove yourselves,” the President of Armenia said.

President Sargsyan noted that the worth of the awards is nominal, it is a starting capital. “This is not a capital in the money sense but rather intellectual, and I am very glad that it is. If we say that our main capital is young and well educated people, we mean just you and those like you. I would be very happy if an educated man is a role model for the today’s Armenian pupil or student. I am sure that gradually this mentality will reign in our society and we have no other way of being a competitive state, a competitive nation if we fail to bring up knowledge loving and knowledge possessing youth,” the President of Armenia said.

Serzh Sargsyan expressed gratitude to the leadership of “Synopsys” company for supporting this initiative and assisting young people. He also expressed hope that that cooperation would deepen.

Commencement – 2008 *(October 1, 2008)*



**Press release:
Synopsys Congratulates More
Than 120 Master's and
Bachelor's Graduates from its
Armenia Educational
Department**

*Program Educates Future Engineers
for Armenia's Growing
High-Tech Industry*



Commencement – 2008 (October 1, 2008)

“It’s very gratifying to be able to participate in such an exciting program that brings Armenians into the electronics design workforce,” said Dr. Chan. “All of us who have supported the program so far look forward to many more graduations, and to having an opportunity to work with the growing number of high-tech professionals in Armenia. These professionals are critical to making Armenia a leader in silicon design.”



“It is a pleasure for us to see the enthusiasm and energy of these graduates as they prepare for a career in advanced electronic design,” said Vazgen Melikyan, director of Synopsys Armenia educational department, honorable scientist of RA, Sc.D., Professor. “This field develops rapidly and we have to continuously reform our curricula in order to keep the quality of education at a high level and maintain Armenia as a leader.”

Commencement – 2008 (October 1, 2008)

“Today, we congratulate our graduates and also thank Synopsys for providing support to these students’ professional education,” said Professor Vostanik Marukhyan, SEUA rector. “Due to the purposeful use of Synopsys tools and technology, today’s candidates are able to join the ranks of the most educated professionals.”



“Synopsys’ generosity and expertise has been instrumental in Armenia’s entrance into the high-tech domain,” said Aram Simonyan, rector at YSU. “As we celebrate these graduates’ accomplishments, we see a bright future for them and for our country in today’s growing electronics markets.”

Commencement – 2008 *(October 1, 2008)*

In his valedictorian's speech, David Mirzoyan, a graduate of the Master's program and a current employee of Synopsys Armenia said, "Today's ceremony symbolizes a whole period of hard work and great efforts made by people who lead Synopsys in its success and in its development in our country, in Armenia. The high qualifications of department lecturers and the high standard of education help provide an opportunity for department graduates to get the education they need to join Synopsys' Armenia R&D team."



Commencement – 2008 *(October 1, 2008)*

32 Master and 90 Bachelor students of Synopsys' Armenia Educational Department (SAED) successfully completed the Synopsys educational program and now stand ready to begin their professional engineering careers. When the Armenian Government declared the high-tech industry to be a flagship of the national economy, offering high-quality engineering education became a priority. To that end, Synopsys established educational programs in microelectronics design with the State Engineering University of Armenia (SEUA) in 2004 and with Yerevan State University (YSU) in 2005. The goal of SAED is to train highly qualified specialists in the field of very large scale integration (VLSI) design and electronic design automation (EDA). More than 300 students have graduated from SAED, most of them employed in Synopsys Armenia and at other local high-tech companies such as Virage, Mentor and Credence.



Ceremony of handing Synopsys Certificates to RAU students (October 1, 2008)



11 students were conferred with Synopsys Certificates of completion of trainings



Chi-Foon Chan's presentation for all Armenia managers (October 1, 2008)



“Synopsys Corporate update”



Reception for the winners of the Presidential IT Awards and Microelectronics Olympiad (October 1, 2008)



Chi-Foon Chan with the winners of All Armenian Intellectual Competition “What, where, when???”

Community Volunteer Event Visit Orphanage Children *(October 2, 2008)*



Rich Goldman's lectures at NAS RA, YSU and SEUA during Synopsys Week (September 29, October 2)



"System Level Design"



Press release: New Synopsys Initiatives Gained Approval of President of Armenia (October 1, 2008)

Establishment of the 'IT Presidential Award & Microelectronics Olympiad Champions Alumni Club' to Showcase Past Winners' Successes

"These are very good and useful ideas. We should go forth with them. We are proud of our diaspora. There are many outstanding people, businessmen, intellectuals and diplomats. It is a very strong human resource for Armenia," said President Serzh Sargsyan of the RA.



"Over the past four years, the Microelectronics Olympiads and the Presidential IT Awards have accomplished much. It is appropriate that we establish the 'IT Presidential Award & Microelectronics Olympiad Champions Alumni Club' as the second generation of participating students now enters the program. Many of today's students were inspired by previous winners. Establishing this club will help the champions inspire even more students to enter engineering as a career. I am particularly happy that we are extending the success of these initiatives with President Sargsyan," said Mr. Goldman.

New Synopsys Initiatives Gained Approval of President of Armenia

Establishment of the 'IT Presidential Award & Microelectronics Olympiad Champions Alumni Club' to Showcase Past Winners' Successes



Meeting with the Minister of Diaspora Hranush Hakobyan October 2, 2008



These two new initiatives include the establishment of the 'IT Presidential Award & Microelectronics Olympiad Champions Alumni Club,' and the creation of a new category for the Armenia Microelectronics Olympiads, "Best Student from Diaspora." The initiatives were introduced to the president by Rich Goldman, co-director of the Board of the Annual Presidential Educational Awards, Synopsys vice president of Corporate Marketing and Strategic Alliances, and chief executive officer of Synopsys Armenia CJSC. Mr. Goldman discussed the idea for the initiatives during a meeting held on September 29 at Synopsys Armenia with Synopsys President and COO Chi-Foon Chan, Synopsys Armenia Executive Director Hovik Musayelyan and Deputy Executive Director Andranik Hovhannisyan also present.



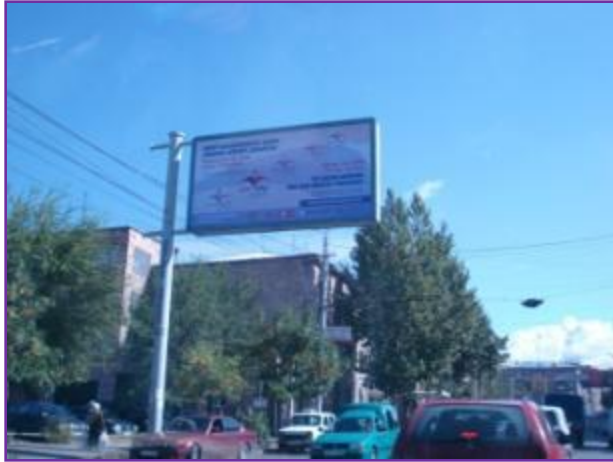
Participation in Digitec'08 (October 3, 2008)



Rich Goldman's lecture at Digitec'08
"The Greening of the Integrated Circuit:
How Engineers Will Save The Planet"
A Practical Guide to Low Power Design



ArmTech Congress'08 (October 4-5, 2008)



Press release: ArmTech Congress Launches as the Global High Tech Industry Conference of the Republic of Armenia (RA)

*ArmTech Congress'08 adopted by the Armenian
Government taking place in Yerevan
under the Patronage of the Prime Minister of Armenia*



“Armenia holds great potential, but we continue to be impacted by major and unnecessary challenges that greatly reduce the attractiveness of Armenia for Foreign Direct Investment. A progressive, forward thinking government can go a long way toward making Armenia an investment destination. ArmTech Congress offers a venue for a gathering of business, government and academic thought leaders to openly discuss the issues and challenges, and agree to actions that will strengthen Armenia's business and IT environment, making Armenia truly competitive in the IT sphere,” said Rich Goldman, vice president of Corporate Marketing & Strategic Market Development at Synopsys, and CEO of Synopsys Armenia. “Challenges exist in all three areas; government, academia, and business, and we must work together to resolve them and develop ideas that will lead to the accelerated economic development of Armenia. ArmTech gives us this opportunity.”

ArmTech Congress'08 (October 4, 2008)



Keynote Address:

**“Armenia's High Tech Crossroad:
Unleashing Armenia's Potential or
Shackling Foreign Investment.”**

Rich Goldman, VP of Corporate
Marketing & Strategic Alliances,
Synopsys, USA; CEO, Synopsys
Armenia

*All participants noted: “It was the
best speech at the Congress”*



ArmTech Congress'08 (October 5, 2008)



Presentation:
"An Experience of Applying Semiconductor Design Curriculum."

Rich Goldman, VP of Corporate Marketing & Strategic Alliances, Synopsys, USA; CEO, Synopsys Armenia
Vazgen Melikyan, Director, Educational Department,
Karen Bartleson, Director, Interoperability and University Programs,
Troy Wood Manager, Strategic Market Development Alliances, Synopsys USA/Armenia



Thank you