

ОБІЖНИК -NEWSLETTER

ТОВАРИСТВО УКРАЇНСЬКИХ ІНЖЕНЕРІВ АМЕРИКИ - НЮ ЙОРК

UKRAINIAN ENGINEERS' SOCIETY OF AMERICA - NEW YORK BRANCH



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From the President's Desk

Well another year has rolled around, the Christmas holidays (both of them) are over, and it is time to get back to work.

First I would like to make a general reminder that our members are always encouraged to continue to participate in UESA functions, to support our projects and to contribute to our various publications.

Please note that the word "participate" is a very flexible word. On one hand it can refer to rolling up your sleeves and putting in some hard work during a "big" UESA event and on the other hand it can be as simple as sending in a note to the chapter about a recent accomplishment for publication in the newsletter. So if you can't make it to our events, there are other ways you can "contribute."

Contributions are always welcome regardless of whether they are written by hand or on a computer or whether they are composed in English or Ukrainian.

Next, I'd like to touch on our events calendar. We've put together a Lecture schedule covering the months of March, April and May. We are also in the early stages of planning our other annual events. Hopefully, by the next newsletter we'll be able to issue a final schedule.

If, however, there is a new lecture topic or event which you would like to see the chapter organize, please do not hesitate to send us a suggestion. We also encourage our members to bring their friends and colleagues down to our lectures since "non-members" are also welcome.

In addition to continuing to work hard at developing and promoting the UESA Lecture Series, the Board is investigating how to allow these lectures to count as "Professional Development Hours" which can be used to fulfill the continuing education requirements of professional engineers licensed in the State of

New York. Things appear to be looking positive on this front.

Finally, I would like to take this opportunity to remind our members that the new "centralized" dues collection system will be implemented this year. Within the coming weeks, the National Board of Directors will issue the first dues invoices for the 2004 calendar year.

As per the updated bylaws, which were approved at the last General Meeting, only two dues reminders will be issued during this calendar year. The second notice will be received mid-year. Thus, if you do not receive your **first** before June, please contact the National Board directly so that the error which resulted in the lost invoice can be corrected.

Please note that responding to the dues invoice as early as possible is **strongly encouraged** because it provides an important portion of the funding the Chapter and the National Board need meet expenses created by our various mailings, projects and publications. It also allows the organization to save time and money on the material and effort expended in producing the "second" invoice.

Until next time.....

Marco Shmerykowsky, PE
Марко Шмериковский

Expansion of UESA Technical Library

The New York City Chapter would like to thank UESA member **Roman Forostyna** of Brooklyn, New York for his generous donation of nearly 600 technical and engineering books to the UESA library located in our domivka at the Ukrainian Institute of America. Once the process of cataloguing these books is completed, we'll be sure to share details on the content of the collection and pictures of the refurbished library.

2003 Annual New York City Yalynka

As in past years, the New York City Chapter of the Ukrainian Engineers Society of America together with the Ukrainian Medical Association, and the Ukrainian Institute of America, held the annual New York City "Yalynka" Saturday evening, December 13, 2003. The event, as always, was held at the Ukrainian Institute of America in New York City.



Yalynka guests enjoying the musical program

The evening's entertainment began with the extension of greetings by Orest and Marta Kebalo to all those who had come for the festivities. The Kebalo's, together with Larissa Huryn, then continued with a reading of Ukrainian Christmas themed poems. They then invited the children to come and decorate the Christmas tree with ornaments. This first portion of the program concluded with the signing of traditional Ukrainian carols by Larissa Magun. Ms Magun was accompanied by Marta Machaj-Cox on the piano.



Orest Kebalo, Marta Kebalo, Larissa Huryn, Larissa Magun and Marta Machaj-Cox performing for the Yalynka guests

The second portion of the program consisted of a musical program of Ukrainian carols presented by the duet of *Alla Kutsevych and Halyna Cechovska*. Together with their banduras and guitars, Ms. Kutsevych and Ms. Cechovska entertained the audience with a large repertoire of Ukrainian Christmas carols.



Alla Kutsevych and Halyna Cechovska

Many of these carols were truly traditional pieces which were developed back in Ukraine. As such, it was the first time that many of the audience members heard a number of these carols.

The music was so pure that many of the Yalynka attendees were visibly moved by this professional performance.

After nearly an hour long performance, an intermission was called, the food was served and the bar was declared open.



Guest socializing in the welcoming space of the Ukrainian Institute of America

The food was once again catered by Mr. Wasyl Krawec of the Yonkers Miasarnia. Mr. Krawec has been preparing his excellent and varied menu of hors d'oeuvres for the New York City for many long years and the New York City Chapter greatly appreciates his hard work.



Guests enjoying food & drink

As the night went, the Institute's halls continued to fill up. Eventually, Alla and Halyna returned to the stage in the "West Room" to provide a second performance packed with additional material. One chapter member summarized the duet's performance as simply joyful not only because the duet exhibited such talent but because they truly enjoyed performing for the audience.



Alla and Halyna return



(L to R) UESA NYC chapter member Mykola Konrad and new UESA member Renata Kopach



(L to R) UESA NYC Chapter members Adam Hajj, PE, Adrian Berezowsky and Marco Shmerykowsky, PE



(L to R) UESA National President Andrij Wowk, New Jersey Chapter Member Oleh Holynskyj and UESA New York City Board Member Ivan Durbak

One of the aspects that made this year's Yalynka unique was that as the second performance continued in the "West Room," the party in the "East Room" continued at full speed with a large contingent of youth and young professionals swapping stories, making new friendships and renewing old ones. It was often repeated that everyone had such a good time that they'll make certain to attend next year.

To view even more pictures – a total of 44 - from the 2003 Yalynka, please visit the web site of the Ukrainian Engineers' Society of America at :

<http://www.uesa.org/news/20031213/20031213-nyc.html>

UESA Lecture Series:

"Product Assurance: Reliability Engineering and Quality Control" presented by Bohdan Kramarchuk

On December 17th, 2003, the New York City Chapter of the Ukrainian Engineers' Society of America presented a lecture by Bohdan Kramarchuk, Manager, Product Assurance & Performance Management, ITT Avionics, on "PRODUCT ASSURANCE - Reliability Engineering and Quality Control" at the Ukrainian Institute on East 79th Street, New York City.



**New York City Chapter member Bohdan Kramarchuk
Discussing issues in Quality Control**

Mr. Kramarchuk delivered an informative and concisely structured presentation on the broad field of reliability engineering and the related quality control disciplines. He began with a historical perspective of this subject, starting with statistical process control at the Bell Telephone Company in

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Ask for Wasyl Krawec

the 1930's and continuing with the Japanese thrust, assisted by American industrial engineering and management techniques, into Total Quality Control in the 1950's and 1960's.

Mr. Kramarchuk explained in precise detail how reliability engineering is a professional discipline which combines key concepts in statistics and engineering with the objective of quantitatively evaluating, measuring, forecasting, improving the reliability of products and processes, and reducing failure rates and hazard rates. An initial overview of general concepts, such as the "Bathtub Curve" which showed the progression from the initial phase of manufacturing defects to the steady state of useful life to the final stage of wearout failures, set the stage for a broad review of reliability statistics which included the Weibull, Exponential, Log-Normal, and Gaussian (Normal) distributions.

With the audience actively participating in the lively presentation, Mr. Kramarchuk brought in actual examples of product and systems failures, addressing current and topical questions such as: Why do Japanese make better-quality cars than America? Why didn't our engineering systems prevent the recent Challenger shuttle disaster? Why do our "smart" bombs sometimes fall on friendly

forces? Why do our medical institutions kill thousands of patients unnecessarily each year?



**Lecture Attendees following along with
Mr. Kramarchuk's observations**

Basic quality control tools – such as process flow diagrams, run charts, check sheets pareto diagrams, cause & effect diagrams, brainstorming approaches, and histograms were explained and illustrated. Mr. Kramarchuk emphasized the importance of testing, and detailed various accelerated testing programs. He further outlined several advanced quality tools such as control charts, failure modes & effects , fault tree analysis, taguchi methodology, and scatter diagrams.

Mr. Kramarchuk concluded by underscoring the importance of total commitment and involvement of everyone in a quality control and performance improvement process.

Throughout his presentation, Mr. Kramarchuk used levity and humor to keep the audience engaged in a topic that at times became very technical and scientific.

The evening finished with informal and convivial discussions over food and drinks. We hope to see many members present at the next UESA Lecture which will take place in March 2004.

Advertise in the UESA-NYC Newsletter

The New York City Chapter Newsletter is published bi-monthly by UESA-NYC and is distributed to all chapter members. Additionally, past issues are archived on the UESA web site and are accessible by the entire internet community.

Full Page	-	\$75 per issue
Half Page	-	\$50 per issue
Quarter Page	-	\$25 per issue
Eighth Page	-	\$12.50 per issue

Page size is 8.5 by 11 inches. Discounts are available for space purchased across multiple issues.

For additional information, please contact us at the address on the letterhead or via e-mail at nyc@uesa.org,

Chapter Event – UESA Lecture Series – March 2, 2004

Subject: Optimal Estimation

Speaker: Peter Halatyn, President of KDM Aero, Inc.

Location: UESA Meeting Room at the Ukrainian Institute of America
4th floor, 2 East 79th Street, New York City

Time: Sign-in Registration – 6:45pm, Lecture 7:30pm

Admission: \$5 per person, Students free (with valid school ID)

(The lecture will be in English, the Questions and Answers may be in either Ukrainian or English)

BOARD MEMBERS NEW YORK:

<i>President:</i>	Marco Shmerykowsky, PE
<i>Vice-President:</i>	Tymish Hankewycz
<i>Treasurer:</i>	Wasyl Kinach, PE
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Keep Us Informed!!!

Please send news items, articles, information about our members, other interesting information and address changes to the following address:

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