

MEETING WITH MANAGEMENT OF UKRAINIAN-ARAB BUSINESS COUNCIL AT PWI

On July 10 negotiations of the management of Ukrainian-Arab Business Council (UABC) with PWI directorship and leading specialists were held at PWI. UABC delegation consisted of: Sheikh Imad Abu Al-Rub, UABC President; Abdullah Al-Dweik, Qatar representative; O. Berezyuk, UABC Vice-President; M. Oliferenko, Cand. of Sci. (Eng.), Chairman of UABC Expert Council; M. Strikha, Dr of Sci. (Eng.), Deputy Minister of MES of Ukraine; B. Bazilevsky, Extraordinary and Plenipotentiary Ambassador of Ukraine, V. Komarnitsky, Cand. of Phys.-Math. Sci., Chairman of UABC Expert Council; S. Oksner, Assistant-Consultant of UABC President; R. Nechaj, Representative of MFA of Ukraine, V. Frindak, translator.

Academician I.V. Krivtsun, PWI Deputy Director, on behalf of academician B.E. Paton, PWI Director, PWI scientists and specialists, welcomed UABC management, and expressed his desire to familiarize the guests with the range of the Institute's activities within the framework of the first introductory meeting. He noted that the Institute's scientists prepared presentations, which may be of interest for specialists from Arab countries, and at the same time, will provide information about PWI activities.

Then I.V. Krivtsun described the history of the Institute establishment (1934), its development paths, directions of activity, and priorities at different stages of the work. It was emphasized that the greatest part of the Institute's developments has found practical application in the national economy. Many of them were sold under license agreements to different countries. The range of research areas is quite broad — from creation of underwater welding technologies to development of technologies of joining in space, from engineering new functional materials to development of technology of connecting live tissues in medicine. The Institute constantly keeps active cooperation with foreign companies and specialists.

Sheikh Imad Abu Al-Rub spoke in reply on behalf of the Arab party. He thanked the Ukrainian party, PWI management and specialists, participating in the meeting, for the opportunity of familiarizing with the activity of such world-renowned materials science center as PWI. He expressed the desire of a number of Arab countries to establish mutually beneficial business contacts with Ukrainian scientists. In his opinion, science is the sphere of cooperation, which can

develop on a long-term basis. The established Council (UABC) will allow concentrating scientific-technical information provided by Ukrainian specialists, and bringing it through Arab country ambassadors to the respective structures in these countries. This will enable significantly speeding up organization of cooperation.

Other speakers were M. Strikha, O. Berezyuk, B. Bazilevsky, V. Komarnitsky, and M. Oliferenko. The following features were noted. At present the countries of the Arab world are poorly informed about Ukraine. They are interested in effective use of their available resources. Their objective is to become familiar with Ukraine's achievements as fully as possible, accumulate the information about successes in science, economy and private sector. They are interested in involving Ukrainian experts, in particular, from PWI, in UABC Expert Council. Today contacts with Kharkiv STU, Ivano-Frankivsk University and other organizations are also being established.

After studying Ukraine's proposals, it is intended to set up working groups in each field. The main purpose of the work is to obtain practical results.

It was noted that an Arab bank is now being established in Ukraine. This will allow ensuring timely funding of the work, improving confidence of the parties, and will speed up program fulfillment.

I.V. Krivtsun thanked UABC representatives for the provided information, and confirmed achievement of concrete results being an important component of cooperation. He noted that the presentations made today are just a small part of extensive range of subjects of the Institute's activity. We will have new meetings, participate in joint seminars and conferences, and find new topics for cooperation.

PWI publishes three scientific-technical journals — monthly «Avtomaticheskaya Svarka» (English version «The Paton Welding Journal») (subjects are welding and related technologies); quarterly «Tekhnicheskaya Diagnostika i Nerazrushayushchiy Kontrol», and «Sovremennaya Elektrometallurgiya». Familiarization with them will allow promptly receiving information about the most recent achievements of Ukrainian scientists in the field of welding, metallurgy, nondestructive testing and related technologies.

I.V. Kirvtsun introduced the topics of presentations and the presenters. Among them were:



In PWI exhibition hall

- welding and treatment of soft live tissues (G. Marinsky, Dr. of Sci. (Eng.), Department Head);
- innovative highly efficient methods and technologies of flash-butt welding of pipes for various applications and rails (I. Zyakhov, Cand. of Sci. (Eng.), Deputy Department Head);
- automated methods of underwater welding of metal structures (Yu. Maksimov, Dr. of Sci. (Eng.), Department Head);
- methods and technologies of welding lines for process power supply to electrolyzers in primary aluminium production plants (V. Kuzmenko, Lead. Eng.);
- technical diagnostics and monitoring of the state of critical welded structures (A. Nedoseka, Dr. of Sci. (Eng.), Department Head);
- welding of polymer pipes (M. Yurzhenko, Cand. of Phys.-Math. Sci., Department Head);
- training highly qualified welding operators in keeping with the requirements of European and International Standards (P. Protsenko, Director of International Educational-Certification Center).

Presentation subjects aroused a keen interest to the presenters. UABC specialists expressed a desire to receive electronic versions of brief resumes on each of the presented subjects.



Sheikh Imad Abu Al-Rub speaking during the discussion of cooperation prospects

Then I.V. Krivtsun invited meeting participants to PWI exhibition hall. A brief presentation on the subject of «Space activities» was made, when the visitors were familiarized with the exhibits earlier used in space: Vulcan equipment, «URI» hand tool for electron beam welding, «Universal» tool, «Ispartikel» unit, as well as exhibits illustrating the Institute's work on development of truss structures deployable in space.

Meeting participants expressed their gratitude for the intensive and constructive program and intent to actively promote Ukrainian-Arab cooperation.

Prof. V.N. Lipodaev