

2. Kovalenko V., Uno Y., Okamoto. Y. et al. Laser cutting of semiconductor elements, Int. J. Electrical machining, N 7 (January), 2000, p.9–14.
3. Kovalenko V., Anyakin M., Karpachov Y. Robotized laser technology – solution for the problem of destroyed reactor dismantling at Chernobyl Atomic Station, Proceedings of the 12th International Symposium for electromachining, (ISEM), Aachen, 1998, p.613–623.
4. Kovalenko V.S., Golovko L.F., Novikov N.V. et al. Laser technology application for diamond tool manufacturing, Proceedings of International Conference LTWMP-2003, PWI NASU, Kiev, 2003, p.159–164.
5. Meijer J., Gillner A., Kovalenko V., Hoffman D. et al. Laser machining by short and ultra short pulses: state of the art, Proceedings of CIRP General Assembly, San Sebastian, Aug. 18–25, 2002, 22 p.
6. Kovalenko V.S., Mamalis A., Kolpakov V.V. WEB-technologies application to increase the efficiency of laser industrial systems, Proceedings of International Conference LTWMP-2005, PWI NASU, Kiev, 2005, p.64–66.

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Summary

Started in the early sixties of the last century R&D development in laser technology in Ukraine is still in progress in spite of some decline in 1990–1993 caused by drastic political and economic changes in the country. There are, indeed, some interesting and original results in all known industrial applications. Some of them are presented in this report. The international ties with colleagues and joint projects with copartners from different countries are becoming the common practice. The significant intellectual potential and gained research and industrial experience serve as a basis for more than 40 years of academic activity in laser technology in the country. Graduates of the Laser Technology and Material Science Department of the Kiev Polytechnic Institute (engineers, masters, PhD holders) are quite successful in their career both in Ukraine and in different countries of the world. Collaboration within the framework of the European Union as well as with different institutions in North America and Asian countries is increasing quite rapidly.

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В системе Академии наук работает с 1960 года, после окончания физического факультета Горьковского университета им. Н. Лобачевского; в 1967 году защитил диссертацию на Ученом совете физического факультета.

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Автор более 1000 печатных работ, 20 авторских свидетельств; неоднократно выступал с докладами на международных совещаниях; руководитель и консультант 14 докторских диссертаций. Руководитель и исполнитель большого количества грантов, постоянно проводит совместные исследования с научными центрами многих стран.

С участием юбиляра и сотрудников лаборатории выполнены исследования, результаты которых опубликованы в журнале “Электронная обработка материалов”.

Искренне желаем Юрию Александровичу дальнейших творческих успехов, благополучия и счастья!

Редколлегия