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**NATO ADVANCED RESEARCH WORKSHOP ON SCIENTIFIC ADVANCES IN  
ALTERNATIVE DEMILITARIZATION TECHNOLOGIES  
24-25 APRIL IN WARSAW**

A NATO Advanced Research Workshop examining scientific advances in alternative demilitarization technologies will take place 24-25 April 1995, at the Military Institute of Chemistry and Radiometry in Warsaw. The focus of this workshop is the search for an environmentally-superior alternative to incineration of chemical warfare agents.

Scientists will evaluate the capabilities and potential for agent destruction of some 15 methods which have been identified as alternatives to incineration. Methods to be considered represent a broad spectrum of processes, some of which have been studied only in the laboratory and some of which are in commercial use for destruction of hazardous and other wastes.

The methods differ by process operating conditions and by types of reactions involved. Operating conditions span the ranges of low, medium and high temperatures and low and high pressure. Reaction types include hydrolysis, oxidation, pyrolysis, and reaction with sulphur. Presentations will include recent developments in chemical neutralization, as well as results of laboratory-scale and larger-than-laboratory scale investigations of promising technologies.

Scholars will compare by-products and waste-streams, as well as analytical techniques for environmental monitoring.

Thirty experts from the United States and Russia, as well as Poland, the Czech Republic, Germany, France and the U.K. will participate in the two day workshop. In addition to the Russian Academy of Science's Institute of Chemical Kinetics and Combustion, participants represent the U.S. Army Chemical and Remediation Branch, the Polish Military Institute of Chemistry and Radiometry, and the German EST (Entsorgungs- und Sanierungstechnik).

Co-directors are Dr. Francis W. Holm (U.S.) (fax: int'l-1 (410) 273 1001) and LTC Mieczyslaw Koch (Poland) (fax: int'l-48-26-11 94 68).

For further information, please contact Mrs. Nancy Schulte, Director, Programme on Disarmament Technologies, NATO Division of Scientific and Environmental Affairs (fax. int'l-32-2-728 4232).

***NATO Information is also available on E-Mail via the following address: "NATODOC@HQ.NATO.INT".***