

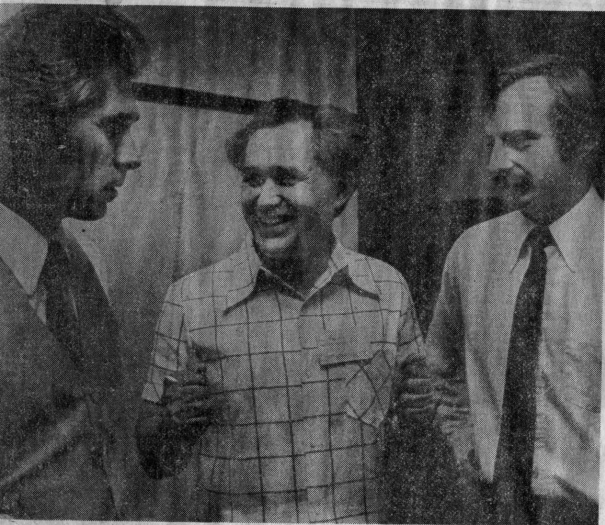
# ALBUQUERQUE JOURNAL

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Journal Photo

Dr. Lawrence Murr, Left, Dr. M.A. Mogilevskii and Dr. Marc Meyers

Soviet Scientist, Center, Discusses Conference on New Metals with New Mexico Scientists

## 15 Nations Represented

# City Metallurgy Parley Has International Flavor

By BETTY CHILDERS  
Journal Science Writer

Scientists from around the world will have a chance this week in Albuquerque to find out the extent to which the Soviet Union is using new ways to fabricate metals.

Or, at least they hope to during the five-day International Conference on the Metallurgical Effects of High Strain-Rate Deformation and Fabrication being held at the Albuquerque Convention Center.

The conference has attracted scientists and engineers from the Soviet Union, East and West Germany, Spain, Australia, Canada, Britain, France, Sweden, Japan, Egypt, Iraq, Italy and Portugal. Researchers from Los Alamos Scientific Laboratory and Sandia Laboratories are among the United States participants.

About 120 are attending the conference, which will end Thursday. Co-chairman and initiators of the meeting are Dr. Marc A. Meyers and Dr. Lawrence E. Murr of the New Mexico Institute of Mining and Technology.

The meeting was called to draw to-

gether information on the use of explosives to form metals and the effect of shock waves on metals. The knowledge in these areas has become fragmented, said Meyers, a metallurgist.

"Many people know part of the story, but we really wanted to get everybody together to assess the field," he said.

Meyers pointed out that the United States is lagging behind the Soviet Union and West Germany in using explosives to fabricate and shape metals.

A hoped-for result of the conference will be the establishment of a center for explosive metallurgy at New Mexico Tech in Socorro, he said.

A definite result of the meeting will be the publication of papers presented at the meeting, edited by Meyers and Murr.

"We believe that the Soviet Union is already doing a fair amount of metal powder compaction using explosives," said Murr, professor of metallurgical

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