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**PRECISION MICRO-MACHINING CENTER RESEARCHERS
ATTENDED THE 4-TH INTERNATIONAL MACHINING AND GRINDING
CONFERENCE IN TROY, MI DURING MAY 7 AND 10, 2001**

Toledo, OH, May 22, 2001 - Researchers and industry people coming from more than ten countries attended the 4-th International Machining and Grinding Conference organized in Troy, MI, between May 7 and 10.

The University of Toledo delegation was lead by Dr. Ioan Marinescu, the Executive Director of Precision Micro-Machining Center and Professor at College of Engineering. The group included also Dr. Radu Coman, Sorin Neagu-Ventzel, Joel Ramirez-Salas, Alice Noreyan and Mariana Pruteanu, all both Ph.D. Students in the Department of Mechanical, Industrial and Manufacturing Engineering and Senior Research Associates in PMMC.

Actually, the UT's delegation was the only group to present four papers at the Conference. In addition, during the exhibition organized with this occasion, PMMC was the only research center attached to an Academic College to present, with the significant help of Ms. Kay Cagle from Tecumseh Products Company, a booth showing the PMMC resources, possibilities, projects and current work.

PMMC human resources list more than forty Graduate Students working at Doctoral and Master level. They access twenty-five machine tools and pieces of equipment and fifteen PCs and computerized stations. There are more than fifty on-going research projects. The main list of current fields of research encloses hard turning and diamond turning, burnishing, micro-polishing, nano-lapping, processes' optimization, modeling and simulation, *etc.*

PMMC organizes a monthly Open House and a yearly Annual Meeting, activities with a constant increasingly popularity. Want to make an idea about the extent of PMMC activities? It's worthy to pay a visit to the PMMC Web site at:

www.eng.utoledo.edu/pmmc.

PMMC is an integrated industry-academia research center. Its aim is to conduct research and development of micro-machining processes and technologies in order to facilitate their use in industry. Currently, it is attached to College of Engineering, University of Toledo in Ohio. The Precision Micro-Machining Center is in direct response to the increasing need of the industry for improving machining technology for difficult-to-machine materials. This center is mainly focussed on processing components requiring surfaces with roughness and tolerances at sub-micron and nano-meter levels. PMMC combines the resources and capabilities of industry, universities, and government agencies in a partnership to develop enabling technologies for efficient use of micro-machining. Industry co-operation helps to direct research programs and to address critical technological problems while university expertise is applied to micro-machining research for the benefit of all participating companies.



Dr. Ioan Marinescu, Executive Director of PMMC and Professor at College of Engineering at University of Toledo was presenting a paper at the International Conference in Troy



From left to right: Sorin Neagu-Ventzel, Radu Coman and Joel Ramirez-Salas, all Senior Research Associates with PMMC, were giving presentations about the scientific research projects to be studied within PMMC using PMMC resources



The PMMC booth during the Exhibition organized with this occasion



Kay Cagle from Tecumseh Products Co. and Mariana Pruteanu from PMMC, the PMMC booth coordinators



At PMMC booth, Radu Coman and Joel Ramirez-Salas helped the visitors to get acquaintance with PMMC resources and capabilities