

2005 WJTA American Waterjet Conference

August 21-23, 2005

Marriott Houston Westchase Hotel • Houston, Texas, USA

Announcement and Call for Papers

Impressive progress and a fast-growing understanding of the diversified applications of waterjet technology are generating a growing excitement in the industry. New techniques and applications are being developed and current ones are being improved. Waterjet technology, now being used in nearly all types of industry — manufacturing, mining, construction, concrete, stone, aerospace, engineering, process, and medical industries — continues to expand at a rapid pace.

The **2005 WJTA American Waterjet Conference** will focus, from a practical and scientific viewpoint, on the most up-to-date advances in waterjetting equipment, techniques, and applications. The areas to be addressed include, but are not limited to:

- Abrasives, Water, and the Environment
- Advanced Industrial Applications
- Advances In High Pressure Technology
- Automotive and Aerospace Applications
- Cleaning and Coating Removal
- Components and Systems
- Construction and Non-Manufacturing Applications
- Contractor Applications and Processes
- Demilitarization, including Removal of Land Mines (Demining)
- Drilling Applications
- Excavation, Tunneling, and Mining Applications
- High Pressure Equipment and Systems
- Jet Mechanics
- Jet-Material Interaction
- Manufacturing Processes
- Market and Future Needs
- Novel Jets and Applications
- Process Modeling and Control Studies
- Rock Cutting
- Safety, Training, and Environmental Protection

Commercial and academic authors are encouraged to submit titles and abstracts for consideration. To submit an abstract(s), please complete the abstract submission form on the back of this sheet, attach a copy of your abstract(s), and forward to the attention of the Conference Coordinator at the WaterJet Technology Association. **The deadline date for submission of abstracts is December 31, 2004.**

An Abstract Review Committee consisting of six referees will review the abstracts. Authors will be advised by **February 28, 2005**, regarding the decision of the Abstract Review Committee.

The 2005 WJTA American Waterjet Conference is organized by the **WaterJet Technology Association**. The WaterJet Technology Association looks forward to providing this forum and to your involvement and participation.

Authors - Please Note

- Papers must be original. Papers must not have been published elsewhere or be pending publication.
- Attendance at the Conference for at least one author is required, otherwise a non-refundable fee is required. **This publication fee will be waived if at least one author registers (Full or Combo) for the WJTA Conference.** Also, one registration is good for multiple papers. The deadline date for receipt of your final paper will be **April 22, 2005**. The publication fee or payment for a Full or Combo registration is due no later than **June 3, 2005**. Your paper will not be included in the Proceedings if the publication fee or registration fee is not paid by this date.
- Papers and presentations must be in English. Papers should be no longer than 15 printed pages. A "Paper Guide" containing directions for submitting papers will be forwarded to you after your abstract is accepted. Papers that do not follow the "Guide" will be returned to the author(s) for correction(s) or charged a fee for revisions made by the WaterJet Technology Association office.
- Papers should be free of commercialism.
- Papers should be submitted as a Word file and a PDF file. If an author cannot produce a PDF file, a fee may be charged to convert a Word file to a PDF file if the Word file requires significant reworking (e.g., page breaks, pictures moving).

2005 WJTA Conference Committee

Craig Anderson

Chairman
Parker Polyflex

Pat DeBusk

Mohamed Hashish, Ph.D.

Flow International Corporation

Randy Kruger

Onyx Industrial Services

Jack Russell

Dow Chemical Company



2005 WJTA American Waterjet Conference

August 21*-23, 2005 • Marriott Houston Westchase Hotel • Houston, Texas

Abstract Submission Form

For each paper to be submitted for consideration, please complete this form, **attach a copy of the abstract**, and mail or fax to WJTA by **December 31, 2004**. Authors will be advised by **February 28, 2005**, regarding the decision of the Abstract Review Committee. Please mail or fax this form even if you email your abstract.

Paper Information

Paper Title _____

Authors _____
(First Name) (Surname/Family Name)

Contact Person

(Please print or type)

Name _____
(First Name) (Surname/Family Name)

Position/Title _____

Company/Organization _____

Street Address _____

City, Province _____ State _____

Country _____ Zip/Postal Code _____

Business Telephone _____ Fax _____

Email _____ Web site _____

Please check the category that best describes the topic of your paper. Applications Research Contractor

Key words (Check the boxes under the different categories that apply to your paper):

Type of Study

- Modeling (theoretical)
- Experimental study
- Hardware development
- Contractor case study
- Manufacturing case study
- Software development
- Economic analysis
- Legal
- Other _____

Process

- Cutting
- Drilling
- Surface preparation
- Cleaning
- Stripping
- Safety
- Milling
- Jet-assisted
- Other _____

Related Industry

- Generic
- Shipyard
- Mining
- Construction
- Aerospace/Aircraft
- Automotive
- Oil/Gas/Refinery
- Quarrying
- Other _____

Jets

- Waterjet
- Abrasive-waterjet
- Abrasive suspension jet
- Pulsed
- Cavitation
- Polymer Jets
- Other _____

Material

- Metal
- Rock
- Glass
- Ceramic
- Composite
- Concrete
- Other _____

Environment

- Field work
- Factory work
- Submerged
- Nuclear
- Demilitarization
- Offshore
- Other _____