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# FLUID / PARTICLE SEPARATION JOURNAL

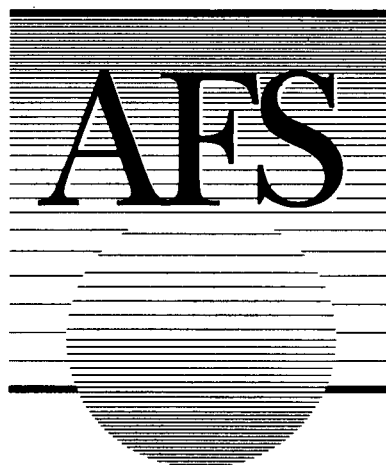
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**COVERING**

**Research and development, elementary and advanced tutorials,  
solutions to practical problems and test procedures.**

**a Publication of**

**THE AMERICAN FILTRATION & SEPARATIONS SOCIETY**



**devoted to**

*Satisfying the multifaceted needs and interests of theoreticians and technical practitioners, equipment manufacturers and users, and federal and local government agencies, involved and interested in all aspects of fluid / particle separation.*

**Volume 13, Number 2, August, 2000**

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# FLUID / PARTICLE SEPARATION JOURNAL

## PUBLISHER'S DATA

### PURPOSE OF THE JOURNAL

Fluid-particle separation is a part of many fields including mining, environmental, pulp and paper, paints and coatings, food and beverages, coal, chemicals, automotive, drilling and production of petroleum, ceramics, biotechnology, air conditioning, clean rooms, electroplating, metal working, laundries, swimming pools and pharmaceutical manufacture. Particles are encountered in ionic, macromolecular, micron, and millimeter sizes. They occur in many forms including suspensions, colloids, emulsions, foams, dusts, flocs, micro-organisms, drops, pigments, aerosols, and pollen. Fluid-particle separation operations include cake filters, deep beds, clarifiers, thickeners, centrifuges, hydrocyclones, gas cyclones, media filtration, membranes, reverse osmosis, electrodialysis, coalescers, scrubbers, electrostatic precipitators, expression, flotation, and heavy media separation. The Fluid / Particle Separation Journal provides an outlet for practical and theoretical contributions to fluid-particle separation and allied areas. It seeks to unite theoreticians and practitioners from many different fields by emphasizing the common principles which apply to fluid-particle separations wherever they may be encountered.

The Journal intends to satisfy the multifaceted needs of theoreticians and practitioners, salesmen and managers, manufacturers and users of equipments, and federal and local government agencies. It faces the challenge of charting a path leading to recognition of fluid-particle separation and processing and allied areas as a recognized branch of engineering and science.

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to  
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## MISSION OF AFS

- To promote the recognition of fluid-particle processing as a branch of science and engineering.
- To conduct seminars related to fluid-particle separation.
- To educate (1) in universities and (2) for practicing engineers.
- To promote Technology Transfer.
- To solve problems in separation.
- To identify significant R&D areas.
- To interact in society.
- To conduct analysis of testing procedures.
- To apply fluid / particle separation science.

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