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# **FLUID/PARTICLE SEPARATION JOURNAL**

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## **COVERING**

**Research and development, graduate student contributions, elementary and advanced tutorials, chapter activities, and educational affairs, news from industry and government, and employment opportunities.**

**a Publication of**

**THE AMERICAN FILTRATION SOCIETY**

**devoted to**

**All aspects of fluid/particle separation**

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# FLUID/PARTICLE SEPARATION JOURNAL

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## 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, microorganisms, drops, pigments, aerosols, and pollen. Fluid-particle separation operations include cake filters, deep beds, clarifiers, thickeners, centrifuges, hydrocyclones, gas cyclones, 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 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 equipment, 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.

The general structure will initially assume the following form:

1. Information concerning the Society
2. News and exchange with other societies
3. Discussion of current important issues
4. Research contributions
5. Practical contributions
6. Papers from graduate students
7. Tutorials
8. Educational issues
9. Comments from members
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