FLUID/PARTICLE SEPARATION JOURNAL

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

Volume 4, Number 4, December, 1991

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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, micro-organisims, 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 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.

Subscriptions: The *F/PSJ* is published quarterly. The annual subscription is $35.00. Single copies are $10.00. Overseas surface postage charges are $10.00 for a total of $45.00. Airmail postage is $18.00 for a total of $53.00.

 The *Fluid /Particle Separation Journal* is published by the American Filtration Society, Box 6269, Kingwood, TX 77325.

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