
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.

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devoted to

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TABLE OF CONTENTS

PURPOSE OF THE F / PS JOURNAL	1D
PUBLISHER'S DATA	2D
STRATEGIC CONCERNS OF THE AFS	3D
BY-LAWS AND ARTICLES OF INCORPORATION	3D
AFS DRAFT ARTICLES OF INCORPORATION	4D
AFS BY-LAWS	6D
AMERICAN FILTRATION SOCIETY OFFICERS	11D
CHAPTER DIRECTORY	12D
AFS EXECUTIVE SECRETARY'S REPORT	15D
F / P S J EDITORIAL	16D
AFS PERSONALITIES	18D
AFS CORPORATE SPONSORS	19D
AFS CONSULTANT MEMBERS	23D
BENEFITS OF CORPORATE SPONSORSHIP	23D
THE AFS CORPORATE SPONSORS SPEAK OUT	24D
AFS CORPORATE PROFILES	25D
CONFERENCES & MEETING ANNOUNCEMENTS	29D
CONFERENCES & MEETING REPORTS	35D
CHAPTER NEWS	36D
AFS NETWORK NEWS	36D
STOP LOOK AND READ	37D
CLASSIFIED HELP WANTED ADS	47D
NEW F / PSJ SECTION CLASSIFIED HELP WANTED ADS	47D
RESEARCH & EDUCATION	48D
PUBLICATIONS AND BOOKS	50D
REPRINTS FROM OTHER JOURNALS	56D

TECHNICAL PAPERS

CHOOSING THE APPROPRIATE DEWATERING TECHNOLOGY	151
IMPROVED WASTE WATER AND SLUDGE FILTRATION	
WITH FULLY AUTOMATED PRESSURE FILTERS	158
FILTRATION AND SEPARATION CONSIDERATIONS IN THE	
SELECTION OF MEDIA FOR PROCESS APPLICATIONS	163
INTERFACIAL PHENOMENA IN FLUID / PARTICLE SEPARATION	168
POLYMERIC MEMBRANES AND SELECTED APPLICATIONS	182
FGD ECONOMICS FOSSIL PLANT SO ₂ CONTROL	185
APPLICATION OF MEMBRANE FILTRATION IN PAPER AND PULP OPERATIONS	189
AIR FILTRATION IN FABRIC FILTERS: CAKE-CLOTH ADHESION FORCE	193
ON THE GRAVITATIONAL ACCELERATED MOTION OF SPHERICAL	
PARTICLES IN STOKES REGIME	199
OUT OF THE PAST	207
INDEX BY AUTHOR	211
INDEX BY TITLE	212

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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