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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.*

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## INSTRUCTIONS FOR AUTHORS

The American Filtration & Separations Society (AFS) publishes its technical journal, Fluid / Particle Separations Journal, three times a year. Two basic types of manuscripts are published, technical papers which must be peer reviewed by our Editorial Review Board, and application papers of interest to the separations industry. These papers should not normally exceed 8000 words in length.

Only work not previously published will ordinarily be accepted for publication. However, appropriate technical or application papers presented at any AFS technical meeting will be considered for publication.

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All Technical Papers will be peer reviewed by our Editorial Review Board to be sure that they are qualified to be abstracted by Chemical Abstract, and acceptable to technical libraries. Authors should submit three complete manuscripts in double space format for consideration to the F / PSJ Technical Editor shown at the front of the Journal.

All Application Papers will be reviewed by the Associate Editor for Application Papers shown at the back of the Journal, and complete manuscripts should be submitted to this Associate Editor for consideration.

## TABLE OF CONTENTS

PUBLISHER'S DATA .....	1-AP
ATTENTION CONTRIBUTORS, STRATEGIC CONCERNS & REPRINT INFORMATION .....	2-AP
EDITORIAL .....	3-AP
SURPLUS JOURNAL ORDER FORM .....	4-AP
SURPLUS PROCEEDING ORDER FORM .....	6-AP
BOOK REVIEW .....	7-AP
AFS CALENDAR & CONFERENCES & MEETINGS .....	8-AP
INDIVIDUAL MEMBERSHIP FORM .....	11-AP
STUDENT MEMBERSHIP FORM .....	12-AP
DISTRIBUTOR AND MANUFACTURES REPRESENTATIVE MEMBERSHIP BENEFITS .....	13-AP
DISTRIBUTOR AND MANUFACTURERS REPRESENTATIVE MEMBERSHIP FORM .....	14-AP
CORPORATE SPONSOR MEMBERSHIP BENEFITS .....	15-AP
CORPORATE SPONSOR MEMBERSHIP FORM .....	16-AP
AFS LITERATURE INFORMATION .....	17-AP

## THEORETICAL / TECHNICAL PAPERS

PEER REVIEWED & ABSTRACTED BY CHEMICAL ABSTRACT

### SPIN PACK FILTRATION MEDIA

I. Lewis Langley .....	1
------------------------	---

### PARTICLE DISTRIBUTION: A KEY VARIABLE IN SELECTING TWO STAGE FILTRATION

Shashi Parulekar .....	15
------------------------	----

### CARRIER FLOTATION OF ULTRAFINE EGYPTIAN KAOLIN

N.A. Abdel-Khalek	
F. Hassan	
M.A. Arafá .....	18

## APPLICATION / TESTING PAPERS

<b>DEVELOPMENT AND CHARACTERIZATION OF INNOVATIVE ELECTROSTATICALLY CHARGED DEPTH FILTER COMPOSITES</b>	
Larry C. Wadsworth	
Dr. Peter P. Tsai .....	24
<b>CRYOGENIC CONDENSATION: COST-EFFECTIVE TECHNOLOGY FOR CONTROLLING VOC EMISSIONS</b>	
Robert J. Davis	
Robert F. Zeiss .....	36
<b>CONDITIONING CHANGES IMPROVE MEMBRANE PRESS BIOSOLIDS DEWATERING AND CAKE PROPERTIES</b>	
Dr. Ernest Mayer	
Mr. Roy S. Rieber .....	43
<b>ENHANCED PRIMARY SEDIMENTATION OF WASTEWATER – A PLANT STUDY</b>	
T. Viraraghavan	
H.W. Zhao	
Kripa Shankar Singh .....	54

# 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, electro dialysis, 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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