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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 3, December, 2000

## TABLE OF CONTENTS

PUBLISHER'S DATA .....	1-DC
ATTENTION CONTRIBUTORS, STRATEGIC CONCERNS & REPRINT INFORMATION .....	2-DC
AFS CALENDAR & CONFERENCES & MEETINGS .....	3-DC
AFS LITERATURE INFORMATION .....	12-DC
AFS MEMBERSHIP .....	22-DC
AUTHOR INDEX .....	225

### THEORETICAL / TECHNICAL PAPERS PEER REVIEWED & ABSTRACTED BY CHEMICAL ABSTRACTS

#### I-IV. STATISTICAL MODELING OF FILTERS FOR TREATMENT OF DRINKING WATER.

##### I. THE FUNDAMENTALS

G.D. Reznikov .....	165
---------------------	-----

#### A SYSTEM FOR ACHIEVING INTELLIGENT CONTROL OF A PHOSPHATE PROCESSING PLANT

Charles L. Karr

Bernard J. Scheiner .....	175
---------------------------	-----

### APPLICATION / TESTING PAPERS

#### ENHANCED FILTRATION PERFORMANCE WITH MELTBLOWN COMPOSITES

Ashish Mathur .....	183
---------------------	-----

#### ESTIMATING MEAN FLOW PORE OF FIBROUS WEBS

Robert Whitt, P.E. ....	189
-------------------------	-----

#### PUSHER CENTRIFUGE: OPERATION, APPLICATIONS, AND ADVANTAGES

Gitesh Dubal .....	193
--------------------	-----

#### CYCLONE TECHNOLOGY FOR UPSTREAM OIL & GAS PROCESSING

Robert W. Chin

David Stanbridge .....	198
------------------------	-----

#### PACKED COLUMNS FOR FINE PARTICLE JIGGING AND FLOTATION

David C. Yang .....	207
---------------------	-----

#### CONTINUOUS CAKE FILTRATION USING HORIZONTAL VACUUM BELT FILTRATION

Brian S. Mawson .....	215
-----------------------	-----

# 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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### Publication Information

The *F/PSJ* is published three times yearly (*April, August, December*) by the American Filtration & Separations Society. The annual subscription is \$90.00. Single copies are \$30.00 plus postage. The postage for the U.S. is \$3.20. Overseas surface postage is \$10.00. Overseas Airmail postage is \$18.00.

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