

FILTRATION - VOLUME 1(1)

Process and mechanical developments of a modern-day filter press and its ancillary equipment to suit the requirements of industry

D. Shaw and M. Price

Hot gas cleanup downstream of a coal/biomass fuelled pressurised fluidised bed gasifier using ceramic channel flow filter

J. Andries, Ö. Ünal, W. de Jong and P.D.J. Hoppesteijn

Purification of agricultural wastewater by membranes

W. Reimann

Storm water screening to meet the urban wastewater treatment directive

J. Pink

The intermediate stage of the deadend filtration process: New insights

S. Reymann

Cu^{2+} and Cd^{2+} removal from aqueous solutions using lecithin enhanced ultrafiltration

R.J. Wakeman and R. Kotzian

A summary of academic research on decanting centrifuges

M. Beiser, W. Stahl and M. Stiborsky

Electrofiltration in industrial wastewater applications

H.M. Huotari and M. Nyström

Fluid dynamics of the cleaning pulse in fabric filters

R.W.K. Allen, H.G.D. Goyder, J. Macinnes and K. Morris

FILTRATION - VOLUME 1(2)

Performance and service life of engine air cleaners

N. Bugli, C. Bennett and B. Smith

Removal of total hydrocarbons from water and air
P. Gullett and A. Hayns

Adsorption process in thin activated carbon media
T.J. Ptak

A new air cleaning device for a sintering plant
T. Nordman, O. Ristinen, H. Kuopanportti and M. Tolonen

Development of ISO standards in contamination control and filtration of fluid power and lubrication systems
C. Peuchot and T. Hunt

New European draft standards for certification of the performance of cartridge filters and other drinking water filtration materials
C. Peuchot and T. Frost

Filtration, cake washing and pressurised electroosmotic dewatering of a highly conductive silica suspension
O. Larue, T. Mouroko-Mitoulou and E. Vorobiev

Dewatering biosolids sludge with the Varigatetm decanter centrifuge
W.W.-F. Leung

Using the selective particle deposition during crossflow filtration as a new method of classification
G.-M. Klein, J. Meier and V. Kottke

Numerical simulation and experiments in a louvered moving bed filter panel
C.S. Chou, H.C. Lai, J. Smid, J.T. Kuo and S.S. Hsiau

FILTRATION - VOLUME 1(3)

Red wine clarification by microfiltration
A. Urkiaga, L. de las Fuentes, M. Acilu, P. Aldamiz-Echevarria and P. Gaiker

Submerged membrane bioreactors and their role in wastewater treatment and reuse

B. Jefferson, A. Laine, C. Bedel, P. LeClech and S. Judd

Sedimentation tank performance studies using computational fluid dynamics

C.J. Sherwin, C.T. Ta, R. Scriven and D. Richardson

An accelerating vane apparatus for improved clarification and classification in decanter centrifuges

W.W.-F Leung and A.H. Shapiro

Iron oxide coating development on filter media

S.K. Sharma, G.F. Ijpelaar and J.C. Schippers

Ceramic capillary filtration of ultrafine coal slurry

D. Tao and B.K. Parekh

A multifunction test cell for cake filtration studies

S.K. Teoh, R.B.H. Tan, D. He and C. Tien

FILTRATION - VOLUME 1(4)

Trends in the development of flocculants as aids to solid/liquid separation

S. Weir and G.M. Moody

Crossflow microfiltration for beer clarification and hydrophobic membranes for the transfer of gases to/from beer

R. Reed

Engine oil filtration - Technical responses to changing customer needs

B.M. Verdegan, P. Herman, B.W. Schwandt, J-L Guichaoua, D. Stehouwer and B. Wagner

Clean in place dust collects with sintered metal elements

K.C. Plumb and A. McLeish

A novel technique for characterization of pore structure of ceramic membranes

A. Jena and K. Gupta

Membrane filtration of raw beet juice

V. Kochergin and R.W. Howe

An experimental study of abrupt changes in cake structure during deadend pressure filtration

E.S. Tarleton and S.A. Morgan

Binary spherical particle mixed beds: porosity and permeability relationship measurement

M. Mota, J.A. Teixeira, W.R. Bowen and A. Yelshin

Multiple- and single- pass operation in a continuous pressure filter with rotating discs and cake thickness limitation by scrapers

W. Koch, W. Höflinger, E. Pongratz and D. Oechsle

Improving understanding of the effect of floc properties on the vacuum filtration of fine coal

D. Condie, C. Veal, R. Amal and I. Tsui

Upflow direct filtration: Performance effects of different backwash strategies

R. de Lima Isaac and C.S.B. Fitzpatrick