

Basic Information :

Name : Salah El Din Mohamed Amin El Mofti

Title :



Qualification:

B.Sc Mining Engineering, 1978, Fac. of Engineering – Cairo University

M.Sc. Mining Engineering, 1982, Fac. of Engineering – Cairo University.

“ Interfacial Characteristics of Phosphate – Gangue Minerals)

M. Sc. Mineral Engineering 1985, Department of chemical & Environmental
Engineering – Columbia University, U.S.A

Ph. D. Mineral Engineering 1991, , Department of chemical & Environmental

Engineering – Columbia University, U.S.A

“ Interfacial Characteristics of Suspended Solids in Liquid Phase “

Education :

Certificate	Major	University	Year
PhD	*	*	1991

Research :

"Using Electrophoresis for Determining the Mechanism of Amine, Sulfate and Oleate Adsorption on Calcite"

"Upgrading of low Rank Egyptian Kaolin Ore"

"Semi-pilot Testing of Egyptian Kaolin"

," Application of the Surface Chemistry Techniques in Purification of an Egyptian Kaolin"

"Parameters Affecting Oil Agglomeration of Maghara Coal "

;"Soild State Reduction of CuO Power by Elemental Ti under attrition Conditions";

;"Soild State Reduction of CuO Power by Elemental Ti under attrition Conditions";

"The Amenability of Some Egyptian Kaolin for Processing Techniques";

"Reducing Axial Mixing in Flotation Columns"

"Mineralogical and Surface charge Study of Red Sea Granite Weathering Products";

"Beneficiation of bentonite from Kaolin Deposit in Aqueous Media by changing pH"

"Zeta Potential Measurements For Studying Mechanisms of Adsorption of Surfactants on Salt-Type Minerals “

"Recent Washability and Flotation Study for High Ash R.O.M Maghara Coal "

"Effects of Process Variables and Their Interactions on Rheology of Concentrated Suspensions : Results of A Statistica Design of Experiments"

"Role of Frothers in Column Flotation of Coarse Particles of Florida Phosphate"

"The Role Amphoteric Collector in Improving Flotation of Dolomitic Phosphate Rocks"

"Effect of Surface –Active Agents on Electro kinetic and Wettability Changes of Reservoir Rock";

"Effects of Process Variables and Their Interactions on Rheology of Concentrated Suspensions: Results of A Statistical Design of Experiments"



"Surface Chemical Characteristics and Adsorption Properties of Calcite as One of the Gangue Minerals of phosphate Ores"
," Effects of process variables and their interactions on rheology of Design of Experiments "
"Beneficiation Technology of Phosphates :Challenges and Solutions"
;"Role of frothers in Column Flotation of Coarse phosphates, "
"Effect of the surface active agents on electrokinetic and wettability changes of reservoir rocks"
"Growth and Formation of New Crystals on Ancient Stone and Mortar Mixes"
"Bio-Flotation of Carbonate from Seimentary Phosphates"
History Stones Conservation
Effect of Surface Active Agents on Electrokinetic and Wettability Changes of Reservoir Rocks
"Adsorption of Coynebacterium-Diphtheriae-Intermedius (CDI) bacteria onto Phosphate mineral",
"Application of Reactive Flotation for Separation of undesirable Dolomite particles from phosphate ore",
"Bacteria as a Surface modifier for Enhancement of Dolomite Separation from Phosphate",
Adsorption Mechanism of Toxic Metal ions By Clay (Attapulagite)
Use of Electrophoresis Technique to Study Removal of Toxic Metal Ions From Waste Water By Adsorption on Mineral Surfaces

Conference :

4th international Mineral Processing Congress, Assuit Univ, 1994.
13th International Symposium on Surfactants in Solution (SIS-2000) June 11-16, 2000 University of Florida
5th International Conference & Exhibition on Chemister in Industry–Bahrain- 2002
9th Mining and Petroleum International Conference. Cairo University 2004.
Twelfth International Water Technology Conference 27-30 March 2008 Alexandria, Egypt
6th International Conference on Science and Technology in Archeology and Conservation, Rome– Italy, December, 2008.
13th IACIS International Conference on surface and colloid science. 83rd ACS colloid and surface science symposium, New York, June 14-19, 2009
83rd ACS colloid and surface science symposium, New York, June 14-19, 2009
11th International Mining, Petroleum, and Metallurgy Conference, Suez Canal Univ., Sharm El-Sheikh, March 15-18, 2009
The Kuwait Waste Management Conference & Exhibition January, 2010

