CONTENTS

	Presidential address	1
	SESSION 1	
1	F. K. HANSEN, E. BAUMANN OFSTAD and J. UGELSTAD. Emulsification of styrene with mixtures of anionic emulsifier and long- chain fatty alcohols. Emulsion polymerization with initiation in mono- mer droplets.	13
2	J. T. C. BÖHM and J. LYKLEMA. The adsorption behaviour of poly- electrolytes at liquid-liquid interfaces and the properties of polyelectro- lyte-stabilized emulsions.	23
3	B. J. CARROLL and J. LUCASSEN. The effect of equilibrium and dynamic interfacial properties on the elementary emulsification process	41
	General discussion (papers 1-3)	55

•

SESSION 2

4	A. L. SMITH and D. P. MITCHELL. The centrifuge technique in the study of emulsion stability	61
5	D. E. GRAHAM and M. C. PHILLIPS. The conformation of proteins at interfaces and their role in stabilizing emulsions	75
6	J. K. WALTERS and B. V. FENNELL. Fluid mechanics of oil slicks and emulsion formation.	99
	General discussion (papers 4-6)	117
7	J. V. BOYD, N. KROG and P. SHERMAN. Comparison of rheological studies on adsorbed emulsifier films with X-ray studies of the bulk	
	solutions	123
8	R. J. R. CAIRNS, D. M. GRIST and E. L. NEUSTADTER. The effect of	
	crude oil-water interfacial properties on water-crude oil emulsion stability	135
	General discussion (papers 7-8)	153

SESSION 3

9	A. R. LANE and R. H. OTTEWILL. The preparation and properties of bitumen emulsions stabilized by cationic surface-active agents	157
10	J. A. N. SCOTT. A general description of the breaking process of cationic bitumen emulsions in contact with mineral aggregate .	179
11	C. GAESTEL and G. GRIMARD. Use of cationic bitumen emulsions in skid-resistant surface dressings on main roads and motorways .	201
	General discussion (papers 9-11)	213
12	E. C. CLAYFIELD and D. G. WHARTON. Water-in-oil emulsions stabilized by block copolymersapparatus and preliminary results	217
13	R. E. FORD. The use of emulsions in the application of pesticides	227
14	A. V. BRIDGWATER and J. M. C. ROBERTS. Wax emulsions: forma- tion and manufacture	239
	General discussion (papers 12-14)	253

SESSION 4

S. KISLALIOGLU and S. FRIBERG. Liquid crystals and spontaneous emulsification	257
P. BECHER, S. E. TRIFILETTI and Y. MACHIDA. Emulsions stabilized by non-ionic surface-active agents: effect of electrolyte .	271
TH. F. TADROS. Stability of oil-in-water emulsions in polymer-sur- factant complexes. Paraffin-water emulsions in mixtures of poly(vinyl alcohol) with cetyltrimethyl ammonium bromide or sodium dodecyl- benzene sulphonate	281
General discussion (papers 15-17)	301
G. W. HALLWORTH and J. E. CARLESS. The stability of oil-in-water emulsions containing paraffinic oils and alkyl sulphates	305
S. S. DAVIS and A. SMITH. The influence of the disperse phase on the stability of oil-in-water emulsions	325
General discussion (papers 18-19)	347
Index	351
	emulsification