

## ORGANIC REACTIONS MECHANISMS GROUP

Following the annual general meeting of the Organic Reactions Mechanisms Group (ORMG) of The Royal Society of Chemistry on 5th January 1988, membership of the ORMG will be open to non-members of the RSC from 1989. This initiative by the ORMG is intended to widen its membership to all chemists, especially those in continental Europe, who are interested in its subject area: experimental and theoretical investigations into mechanisms of reactions and reactivity of organic compounds including reactive intermediates and biologically important molecules. For further details and information during 1988, please contact the secretary/treasurer of the ORMG: **Dr. H. Maskill, Department of Chemistry, University of Stirling, Stirling FK9 4LA, Scotland.**



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**Perkin Transactions II**

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- 1903 On the compatibility of the reactivity-selectivity principle and the Ritchie  $N_+$  relationship **C. David Johnson and Belinda Stratton**
- 1909 Kinetic study of the effect of  $(OC)_3Cr$   $\pi$ -complexation upon the reactivities of tropone acetals and related tropylium cations **Nigel T. Leckey, William E. Watts, Clifford A. Bunton, and John R. Moffatt**
- 1919 Cross-interaction constants as a measure on the transition-state structure. Part 1. The degree of bond formation in nucleophilic substitution reactions **Ikchoon Lee, Chang Sub Shim, Soo Young Chung, Hyung Yoon Kim, and Hai Whang Lee**
- 1925 Menshutkin reactions of *N*-methylimidazole and of *N*-methylbenzimidazole with methyl iodide in acetonitrile-methanol. Family-dependent and family-independent properties **Yasuhiko Kondo, Shingo Izawa, and Shigekazu Kusabayashi**
- 1929 Kinetic and spectral properties of the photogenerated *p*-nitrobenzyl carbanion in aqueous media **Bruce B. Craig and Stephen J. Atherton**
- 1937 The hydrolysis of 1,3,5-tripyrrolidinobenzene **Wilhelm Knoche and Siegmund Vogel**
- 1943 Solvent effects on fluorescence spectroscopic properties of benoxaprofen, a cutaneous photosensitizer **Minjoong Yoon and Ki-Hwan Lee**
- 1947 A study of the disordered low-temperature structure of acenaphthylene,  $C_{12}H_8$ , using semi-empirical potential-energy calculations **Hongxing He, and T. Richard Welberry**
- 1955 Conformational analysis of *trans*-2,6-dithiabicyclo[5.4.0]undecane-4-spiro-1'-cyclobutane, -cyclopentane, and -cyclohexane by  $^1H$  and  $^{13}C$  nuclear molecular resonance spectroscopy **Barbara Rys**
- 1959 Catalytic effects in aromatic nucleophilic substitution reactions. Reactions between 1-fluoro-2,4-dinitrobenzene and 2-aminothiazole derivatives **Luciano Forlani and Marina Sintoni**
- 1963 Isotope effect of solvent on the equilibrium of formation of the nitrosonium/nitrous acidium ion **Albino Castro, Manuel Mosquera, M. Flor Rodríguez Prieto, J. Arturo Santaballa, and José Vázquez Tato**
- 1969 Influence of solvent and cation on the properties of oxygen-containing organic anions. Part 3. Electron spin density on alkali-metal cations chelated by radical anions as a function of interionic distance **M. Celina R. L. R. Lazana and Bernardo J. Herold**
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- 1979 Fluorescence quenching of some aromatic amines by ethylene trithiocarbonate in solution **Reba Ray and Samaresh Mukherjee**
- 1983 Rearrangement of ketones. Part 3. Kinetic study and intermediate complexes in the reaction of *t*-butyl phenyl ketone with aluminium chloride **María C. Fernández-Monreal, María P. Ruiz, and Julio San-Román**
- 1989 Free radical reactions of bicyclo[2.2.1]hexane and bicyclo[2.2.1]heptane **John C. Walton**

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NOTE: An asterisk in the heading of each paper indicates the author who is  
to receive any correspondence.