

## SECOND INTERNATIONAL SYMPOSIUM ON ORGANOMETALLIC CHEMISTRY

From August 30 to September 3 incl., 1965, the Second International Symposium on Organometallic Chemistry was held in Madison, Wis. (U.S.A.). This conference was organized by Professor Robert West of the University of Wisconsin.

For the information of the readers of the *Journal of Organometallic Chemistry*, the titles, authors and affiliations of the work presented at the Wisconsin Symposium are listed below. Abstracts of the papers are available for \$ 2 from Professor R. WEST, Department of Chemistry, University of Wisconsin, Madison, Wis.

- HENRY GILMAN, *Iowa State University, Ames (Iowa)*, Some general considerations
- E. O. FISCHER\*, H. WAWERSIK AND M. SCHMIDT, *Technische Hochschule, Anorg.-chem. Laboratorium, München (Germany)*, Novel uncharged bis-cyclopentadienyl and bis-arene metal- $\pi$ -complexes
- P. M. MAITLIS\*, J. GRAHAM AND S. McVEY, *McMaster University, Hamilton (Ont.)*, Reactions of acetylenes with palladium and rhodium halides
- F. CALDERAZZO, *Cyanamid European Research Institute, Cologne/Geneva (Switzerland)*, The reaction of hexacarbonylvanadium with aromatic compounds - Reduction of the  $[V(CO)_6 \text{ arene}]^+$  cations
- W. FELLMANN AND H. D. KAESZ\*, *University of California, Department of Chemistry, Los Angeles (Calif.)*, A new polynuclear carbonyl hydride of rhenium,  $HfRe_3(CO)_{14}$
- R. NAST\*, M. OHLINGER AND G. WALLENWEIN, *University of Hamburg, Institute of Inorganic Chemistry, Hamburg (Germany)*, Metal derivatives of *o*-diethynylbenzene
- G. COSTA, *Università degli studi di Trieste, Trieste (Italy)*, On copper phenyl
- M. D. KAUSCH\*, F. TIBBETTS, H. GORDON, Y. F. CHANG, D. J. CIAPPENELLI AND L. P. KLEMMANN, *University of Massachusetts, Amherst (Mass.)*, Perhaloaryl - metal chemistry
- L. H. SOMMER\*, W. D. KORTE AND J. MCLICK, *University of California, Davis, (Calif.)*, Recent advances in organosilicon stereochemistry
- KURT MOEDRITZER\* AND JOHN R. VAN WAZER, *Monsanto Company, St. Louis (Mo.)*, Equilibria and kinetics of the exchange of substituents between the dimethylsilicon and dimethylgermanium moieties
- DONALD R. WEYENBERG\* AND ALVIN E. BEY, *Dow Corning Corporation, Midland (Mich.)*, The redistribution of chlorine, fluorine, or methoxy with hydrogen on silicon; a sensitive measure of ligand-silicon bond energies
- HUBERT SCHMIDBAUR\* AND FRITZ SCHINDLER, *Universität Marburg, Institut für Anorganische Chemie, Marburg (Germany)*, Organometallic derivatives of phosphin-imines - isoelectronics of silazanes and hetero-siloxanes
- A. G. BROOK\*, W. W. LIMBURG, G. J. D. PEDDLE AND P. N. PRESTON, *University of Toronto, Toronto (Canada)*,  $\alpha$ -Silyl and  $\alpha$ -germyl ketones
- MAKOTO KUMADA\*, KOJI MIMURA, MITSUO ISHIKAWA AND HIROSHI TSUNEMI, *Kyoto University, Department of Synthetic Chemistry, Kyoto (Japan)*, Ferrocenes containing organosilyl groups
- J. SCHRAML\*, V. CHVALOVSKY AND E. G. ROCHOW, *Institute for Chemical Process Fundamentals, Prague (Czechoslovakia) and Harvard University, Cambridge (Mass.)*, N.M.R. spectra of certain vinylsilanes and their dichlorocyclopropyl derivatives
- J. E. LLOYD, J. N. ESPOSITO AND M. E. KENNEY\*, *Case Institute of Technology, Cleveland (Ohio)*, The N.M.R. spectra of some tetrahedral and octahedral organosilicon compounds
- J. CHATT\* AND J. M. DAVIDSON, *Imperial Chemical Industries Ltd, Petrochemical and Polymer Laboratory, Runcorn (England)*, A novel tautomerism involving reversible hydrogen transfer between a ligand and the metal

- G. N. SCHRAUZER\*, R. J. WINDGASSEN, J. KOHNLE AND G. KRATZEL, *Shell Development Company, Emeryville (Calif.)*, Organometallic chemistry of vitamin B<sub>12</sub> and its models
- J. P. COLLMAN\*, J. W. KANG, W. R. ROPER AND C. T. SEARS, *University of North Carolina, Chemistry Department, Chapel Hill (N.C.)*, Formation of metal-carbon bonds by additions to d<sup>8</sup> complexes of iridium, rhodium and ruthenium
- ROY G. HAYTER, *Shell Development Company, Emeryville (Calif.)*, Binuclear carbonyl anions of the group VI metals
- R. PETTIT\*, L. WATTS AND J. FITZPATRICK, *University of Texas, Department of Chemistry, Austin (Tex.)*, Aspects of the chemistry of cyclobutadiene-iron tricarbonyl
- L. SPIALTER AND J. D. AUSTIN\*, *Aerospace Research Laboratories, Chemistry Research Laboratory, Wright-Patterson Air Force Base (Ohio)*, Ozone: a new cleavage reagent for organosilanes
- H. NAGY KOVACS\*, A. D. DELMAN AND B. B. SIMMS, *U.S. Naval Applied Science Laboratory, Brooklyn (N.Y.)*, Silicon containing Schiff base and benzimidazole derivatives
- HOWARD J. COHEN, *The Glidden Company, Adrian Joyce Works, Baltimore (Md.)*, Triorgano-siloxytitanium triethoxyamines: mono-, di- and tri-titanates
- D. A. CARDIN, G. CHANDRA, T. A. GEORGE AND M. F. LAPPERT\*, *University of Sussex, Chemical Laboratory, Brighton (England)*, Amino-derivatives of metals as reagents for the synthesis of organometallic compounds
- C. EABORN\*, R. A. JACKSON AND R. W. WALSINGHAM, *University of Sussex, Brighton (England)*, Reactions of trimethylsilyl radicals
- A. J. CHALK\* AND J. F. HARROD, *General Electric Research Laboratory, Schenectady (N.Y.)*, Dicobalt octacarbonyl: reaction with silicon hydrides and catalysis of reactions of silicon hydrides with olefins and carbon monoxide
- GEORGE M. OMIETANSKI\* AND WALLACE G. REID, *Union Carbide Corporation, Tonawanda (N.Y.)*, Preparation of silicone polymer intermediates using  $\alpha$ - $\omega$ -poly-dimethylsiloxane diols
- CLYDE R. DILLARD\* AND PAULINE H. C. WANG, *City University of New York, Brooklyn College, Brooklyn (N.Y.)*, Geometric isomerism in chlorodiphenyltin carboxylates
- G. KÖBRICH\*, H. TRAPP, K. FLORY, H. R. MERKLE, H. HEINEMANN AND W. DRISCHEL, *Universität, Institut für Organische Chemie, Heidelberg (Germany)*, Electrophilic reactions of stable lithium carbenoids
- H. E. RAMSDEN, *Esso Research and Engineering Co., Products Research Division, Linden (N.J.)*, Dihydroanthracenediylmetals
- J. A. DIXON\*, R. L. EPPLEY AND R. S. DUDNYAK, *Pennsylvania State University, Department of Chemistry, Whitmore Laboratory, University Park (Pa.)*, Aromatic hydrocarbons and organolithium reagents
- GERT G. EBERHARDT\*, W. A. BUTTE AND W. DAVIS, *Sun Oil Company, Marcus Hook (Pa.)*, Recent results on catalytic hydrocarbon reactions with coordinated organolithium compounds
- R. A. FINNEGAN\* AND J. W. ALTSCHULD, *State University of New York at Buffalo, School of Pharmacy, Department of Medicinal Chemistry, Buffalo (N.Y.)*, Steric and conformational aspects of alkyl aryl ether metalation
- A. R. LEPLEY\* AND W. A. KHAN, *State University of New York at Stony Brook, Stony Brook (N.Y.)*, Evidence for the participation of an organolithium amine complex in the direct alpha alkylation of tertiary amines
- ROBERT EHRLICH\*, ARCHIE R. YOUNG II, GEORGE RICE, JOSEPH DVORAK, PHILIP SHAPIRO, HARRY F. SMITH AND SCOTT I. MARROW, *U.S. Department of Army, Picatinny Arsenal, Dover (N.J.)*, A new complex hydride, Li<sub>2</sub>AlH<sub>6</sub>
- JOHN P. OLIVER\*, LEON STODULSKI AND CHARLES BEER, *Wayne State University, Detroit (Mich.)*, The reaction of divinylmercury with dimethylcadmium
- MICHAEL CAIS\* AND A. EISENSTADT, *Technion - Israel Institute of Technology, Department of Chemistry, Haifa (Israel)*,  $\alpha$ -Metalloacenylcarbonium ions
- DONALD E. BUBLITZ\* AND GUY H. HARRIS, *Western Division Research Laboratories, Walnut Creek (Calif.)*, The preparation and properties of metallocene thiolcarboxylate esters
- S. G. GOTTIS, H. FALK AND K. SCHLÖGL\*, *University of Vienna, Organisch-chemisches Institut, Vienna (Austria)*, The absolute stereochemistry of 1,2-( $\alpha$ -ketotetramethylene)-metal-locenenes
- H. BRUNNER\*, P. C. WAILES AND H. D. KAESZ, *University of California, Department of Chemistry, Los Angeles (Calif.)*, Group III alkyl adducts of transition metal cyclopentadienides
- G. P. SOLLOTT\* AND W. R. PETERSON JR., *U.S. Army, Frankford Arsenal, Pitman-Dunn Research Laboratories, Philadelphia (Pa.)*, Novel aluminum chloride-catalyzed reactions of ferrocene with phosphorus(III) amides and esters
- HAROLD ROSENBERG\*, JOHN M. BARTON AND MARSHA M. HOLLANDER, *U.S. Air Force, Research and Technology Division, Air Force Materials Laboratory, Wright Patterson Air Force Base (Ohio)*, Preparation and reaction of lithiated ferrocenes
- R. E. DESSY\*, TRISTRAM CHIVERS, WILLIAM KITCHING AND FRANK STARY, *University of Cincinnati, Department of Chemistry, Cincinnati (Ohio)*, Organometallic electrochemistry

- W. R. KROLL\* AND W. NAEGELE, *Esso Research and Engineering Company, Linden (N.J.)*, Some interesting observations on dialkylaluminum-cyclopentadienyls
- T. L. BROWN\*, J. A. LADD AND L. M. SEITZ, *University of Illinois, Noyes Chemical Laboratory, Urbana (Ill.)*, N.M.R. studies of exchanges in  $\text{LiCH}_3\text{-Mg}(\text{CH}_3)_2$  systems
- ALAN STORR\* AND A. W. LAUBENGAYER, *Cornell University, Ithaca (N.Y.)*, The partial hydrolysis of ethyl alane compounds
- J. J. EISCH\* AND L. J. GONSIOR, *The Catholic University of America, Department of Chemistry, Washington (D.C.)*, Unsaturated organometallic heterocycles of group III
- T. MOLE, *Commonwealth Scientific and Industrial Research Organisation, Melbourne (Australia)*, Acceleration and retardation by polar solvents of organometallic exchange reactions
- HEINZ P. FRITZ\* AND KARL E. SCHWARZHANS, *Technische Hochschule, München (Germany)*, <sup>1</sup>N.M.R. measurements on platinum and rhodium methyl compounds
- P. S. BRATERMAN\* AND H. D. KAESZ, *University of California, Department of Chemistry, Los Angeles (Calif.)*, On the interaction of carbonyl stretching modes in substituted metal carbonyls
- D. SHAW AND E. W. RANDALL\*, *London University, Queen Mary College, London (England)*, N.M.R. studies of phosphine complexes of rhenium, iridium and rhodium
- P. BAIKIE, D. BRIGHT, O. S. MILLS\*, J. P. NICE, A. D. KEDHOUSE AND F. S. STEPHENS, *University of Manchester, Department of Chemistry, Manchester (England)*, Some recent structure determinations
- L. F. DAHL\*, R. J. DOEDENS AND J. F. BLOUNT, *University of Wisconsin, Department of Chemistry, Madison (Wis.)*, Structural chemistry of polynuclear iron carbonyl complexes
- JAMES A. IBERS, *Northwestern University, Department of Chemistry, Evanston (Ill.)*, Geometry of the triphenylphosphine ligand in transition metal complexes
- MELVYN R. CHURCHILL, *Harvard University, Chemistry Department, Cambridge (Mass.)*, The crystal structure of a transition metal-perfluoroalkyl complex
- E. L. AMMA\* AND R. W. TURNER, *University of Pittsburgh, Pittsburgh (Pa.)*, Molecular structure of some metal ion-aromatic complexes
- D. E. FENTON\* AND A. G. MASSEY, *University of London, Queen Mary College, London (England)*, New pentafluorophenyl compounds of germanium
- WENZEL DAVIDSOHN\* AND MALCOLM C. HENRY, *U.S. Army Natick Laboratories, Natick (Mass.)*, Tetraethynylsilane, tetraethynylgermane and some substituted ethynylorganogermans
- C. H. YODER AND J. J. ZUCKERMAN\*, *Cornell University, Ithaca (N.Y.)*, Germanium imidazolidines and derivative systems
- WILLIAM J. CONSIDINE, *M and T Chemicals Inc., Rahway (N.J.)*, The reactions of dibutyltin oxide with *vic.* glycols
- HERBERT H. ANDERSON, *Drexel Institute of Technology, Philadelphia (Pa.)*, Dialkyltin alkane-sulfonates and benzenesulfonates; reactions
- J. NASIELSKI\*, J. MICHELET, M. JAUCQUET, M. GIELEN, P. BAELMANS AND S. BOUÉ, *Université libre de Bruxelles, Service de chimie organique, Bruxelles (Belgium)*, Mechanisms for the cleavage of carbon-tin bonds
- H. G. KUIVILA\*, J. A. VERDONE AND J. A. MANGRAVITE, *State University of New York at Albany, Albany (N.Y.)*, Some characteristics of the  $\text{SE}_2^+$  protonolysis of allyltins
- H. M. WALBORSKY\* AND M. S. ARONOFF, *Florida State University, Tallahassee (Flor.)*, Reaction of lithium metal with optically active halides
- RICHARD WAACK AND MARY A. DORAN\*, *The Dow Chemical Company, Eastern Research Laboratory, Weyland (Mass.)*, Solvents and temperature effects on the electronic spectrum of 1,1-diphenyl-N-hexyllithium
- ROBERT WEST\* AND PRISCILLA A. CARNEY, *University of Wisconsin, Madison (Wis.)*, Perlithio-propyne,  $\text{C}_3\text{Li}_4$ , and its use in synthesis of polysilicon compounds
- WILLIAM H. GLAZE\*, GEORGE ADAMS AND JACON LIN, *North Texas State University, Denton (Tex.)*, Steric effects in the pyrolyses of alkyl lithium compounds
- ERWIN L. WEISS, *Universität Hamburg, Institut für Anorganische Chemie, Hamburg (Germany)*, Structure investigation of some group I and II alkyl derivatives
- MAURICE MORTON\*, L. J. FETTERS AND R. A. PETT, *University of Akron, Institute of Rubber Research, Akron (Ohio)*, Association of organolithium macromolecules
- H. L. HSIEH, *Phillips Petroleum Company, Bartlesville (Okla.)*, Reaction of lithium metal and chloro-substituted naphthalenes
- JEROME F. EASTHAM\* AND RICHARD FRYE, *University of Tennessee, Knoxville (Tenn.)*, Partial resolution of *d,l*-sec-butyl lithium by complexation with an optically active ether
- H. BEHRENS\*, E. LINDNER, A. MÜLLER, M. PREISS AND H. SCHINDLER, *Universität Erlangen-Nürnberg, Institut für Anorganische Chemie, Erlangen-Nürnberg (Germany)*, New aspects on cyanometallates (o) in liquid ammonia
- P. HEIMBACH\*, W. BRENNER AND G. WILKE, *Max-Planck-Institut für Kohlenforschung, Mülheim-Ruhr (Germany)*, Nickel catalyzed syntheses of disubstituted cyclodecatrienes-(1,4,7)
- W. BECK\*, A. MELNIKOFF AND H. S. SMEDAL, *Technische Hochschule, Anorganisch-chemisches Laboratorium, München (Germany)*, Methanido and azido metal carbonyls

- M. M. BAGGA, P. L. PAUSON\*, F. J. PRESTON AND R. I. REED, *University of Strathclyde, Glasgow (Scotland)*, Iron carbonyl complexes from Schiff's bases and azo compounds
- A. WOJCICKI\*, F. A. HARTMAN AND M. KILNER, *Ohio State University, Columbus (Ohio)*, Hexafluoroacetylacetonato manganese(I), carbonyl complexes
- R. B. KING\* AND A. F. FRONZAGLIA, *Mellon Institute, Pittsburgh (Pa.)*, A  $\pi$ -benzyl derivative of molybdenum
- S. WINSTEIN, H. D. KAESZ, C. G. KREITER\* AND E. C. FRIEDRICH, *University of California, Department of Chemistry, Los Angeles (Calif.)*, Cyclooctatetraene-molybdenum tricarbonyl and its protonated derivatives
- L. VASKA, *Clarkson College of Technology, Potsdam (N.Y.)*, Homogeneous catalytic activation of unsaturated molecules and hydrogen by carbonyl complexes of group VIII metals
- J. F. NORMANT\*, H. NORMANT AND TH. CUVIGNY, *Faculté des Sciences, Laboratoire de synthèse organique, Paris (France)*, Hexamethylphosphorotriamide, a solvent in organometallic chemistry
- HAROLD EDELSTEIN AND ERNEST I. BECKER\*, *University of Massachusetts, Boston (Mass.)*, Physical chemical studies on the Grignard reaction
- F. BICKELHAUPT, C. BLOMBERG\*, A. D. VREUGDENHIL, P. VINK AND B. VAN ZANTEN, *Vrije Universiteit, Chemical Laboratory, Amsterdam (The Netherlands)*, On the structure of ethylmagnesium bromide in diethyl ether
- D. BRUCE-SMITH\*, P. J. MORRIS AND B. J. WAKEFIELD, *University of Reading, Reading (England)*, Reactions of pyridine with light-metal alkyls
- L. FRIEDMAN\*, G. PRUCKMAYR AND K. C. RENNER, *Case Institute of Technology, Cleveland (Ohio)*, Aryl Grignard-aryl halide interchange
- G. W. ADAMSON, L. BANFORD, N. A. BELL, G. E. COATES\* AND H. M. M. SHEARER, *University of Durham, Durham (England)*, Recent progress in organoberyllium chemistry
- VIRGIL I. STERNBERG\*, GARY A. LODOEN AND DONALD A. KUBIK, *University of North Dakota, Grand Forks (N.D.)*, On the carbanion nature of bischloromethyl zinc
- TEIJI TSURUTA\*, MICHIMIRO ISHIMORI AND TORU TOMOSHIGE, *University of Tokyo, Faculty of Engineering, Department of Synthetic Chemistry, Tokyo (Japan)*, Some reactions of zinc alkyl in connection with polymerization catalysts
- LEO ROOS AND MILTON ORCHIN\*, *University of Cincinnati, Department of Chemistry, Cincinnati (Ohio)*, Isomerization of allylbenzene catalyzed by deuterocobalt tetracarbonyl
- B. L. SHAW\* AND J. POWELL, *University, School of Chemistry, Leeds (England)*, Some studies on allylic complexes of palladium
- R. F. HECK, *Hercules Powder Company, Wilmington (Del.)*,  $t$ -Acyloxy- $\pi$ -allylcobalt tricarbonyl derivatives
- M. L. H. GREEN\*, M. ISHAQ AND T. MOLE, *Inorganic Chemistry Laboratory, Oxford (England)*, The chemistry of some simple organic groups  $\sigma$ -bonded to transition metals
- H. C. CLARK AND J. H. TSAI, *University of British Columbia, Vancouver (Canada)*, Olefinic additions to metal-metal bonds
- F. N. JONES AND G. W. PARSHALL\*, *Experimental Station E. I. du Pont de Nemours and Co., Central Research Department, Wilmington (Del.)*, Tetrafluoroethylene complexes of transition metals
- DAVID R. BRYANT\*, JAMES E. MCKEON AND PAUL S. STARCHER, *Union Carbide Corporation, South Charleston (W. Va.)*, Unsymmetrically bonded olefin-palladium acetate intermediates
- J. F. HARROD\* AND A. J. CHALK, *General Electric Research Laboratory, Schenectady (N.Y.)*, Isomerization of 1-olefins by rhodium trichloride
- M. F. HAWTHORNE\*, D. C. YOUNG, P. A. WEGNER, T. D. ANDREWS AND R. L. PILLING, *University of California, Department of Chemistry, Riverside (Calif.)*, Icosahedral carbametalllic derivatives. Metallocene analogs
- R. KÖSTER, *Max-Planck-Institut für Kohlenforschung, Mülheim-Ruhr (Germany)*, Organocarboranes from organoboranes
- ROBERT E. WILLIAMS\* AND F. JAMES GERHART, *Space General Corporation, El Monte (Calif.)*, Diborane-4-polymer
- V. GUTMANN\* AND A. MELLER, *Technical University, Vienna (Austria)*, Studies on borazine compounds
- KURT NIEDENZU\*, JOHN W. DAWSON AND PETER FRITZ, *Duke University, Department of Chemistry, and U.S. Army Research Office, Durham (N.C.)*, Reactions of aminoboranes with  $\alpha,\omega$ -diamines
- D. S. MATTESON\*, R. A. BOWIE AND M. L. TALBOT, *Washington State University, Pullman (Wash.)*, Mechanisms of mercuri-deboronation
- JAMES C. CARTER, *University of Pittsburgh, Department of Chemistry, Pittsburgh (Pa.)*, Derivatives of carbon monoxide-borane
- B. PROKAI\* AND M. F. LAPPERT, *Massachusetts Institute of Technology, Cambridge (Mass.)*, and *University of Sussex, Brighton (England)*, Haloboration and allied reactions of olefins
- WALTER STROHMEIER, *University of Würzburg, Institute for Physical Chemistry, Würzburg (Germany)*, Photochemically prepared derivatives of metal carbonyls, their stabilities and use in polymerization

- W. F. EDGELL\*, M. YANG AND B. BULKIN, *Purdue University, Lafayette (Ind.)*, The reaction between iron pentacarbonyl and amines
- FRED BASOLO, DONALD MORRIS AND ERLIND M. THORSTEINSON, *Northwestern University, Evanston (Ill.)*, Kinetics and mechanism of substitution reaction of  $\text{CoNO}(\text{CO})_3$  and  $\text{Fe}(\text{NO})_2(\text{CO})_2$
- ROBERT J. ANGELICI AND JAMES R. GRAHAM, *Iowa State University, Chemistry Department, Ames (Iowa)*, Kinetic studies of carbon monoxide replacement in substituted *o*-phenanthroline complexes of the group VI metal carbonyls
- RONALD J. CLARK, *Florida State University, Tallahassee (Flor.)*, Phosphorus trifluoride substitution complexes of organometallic carbonyls
- M. TSUTSUI\*, M. ICHIKAWA, F. VOHWINKEL, K. SUZUKI AND J. ARIYOSHI, *New York University, Research Division, New York (N.Y.)*, Reactions of metal carbonyls with polydentates
- E. N. FRANKEL, *Northern Regional Research Laboratory, Peoria (Ill.)*, Preparation and characterization of iron tricarbonyl complexes of polyunsaturated fatty acid esters
- F. G. MANN\*, I. T. MILLAR, F. C. BAKER, H. HEANEY AND D. M. HEINEKEY, *University Chemical Laboratory, Cambridge (England)*, The preparation and properties of certain 7-, 8-, 9-, 10-, 11-, and 12-membered ring systems containing two arsenic atoms
- F. E. BRINCKMAN\*, T. D. COYLE AND J. J. RITTER, *National Bureau of Standards, Inorganic Chemistry Section, Washington (D.C.)*, Interactions of main group sub-halides with organometallic compounds
- G. O. DOAK\*, G. G. LONG AND L. D. FREEDMAN, *North Carolina State University, Raleigh (N.C.)*, The infrared spectra of some pentavalent compounds of arsenic, antimony and bismuth
- JOHN S. THAYER, *Illinois Institute of Technology, Department of Chemistry, Chicago (Ill.)*, Spectroscopic studies of organometallic pseudohalides
- RALPH A. ZINGARO AND KURT J. IROGOLIC\*, *Texas A&M University, Department of Chemistry, College Station (Tex.)*, Chemistry of group V elements: selenides and tellurides of P, As, Sb. Synthesis of dialkylarsinic acids
- H. GOLDWHITE, *California State College, Los Angeles (Calif.)*, Polyfluoroalkyl arsenic compounds
- F. G. A. STONE\*, M. I. BRUCE, M. A. CHAUDHARI, P. W. JOLLY, A. OSBORNE, I. PAUL, D. T. ROSEVEAR AND J. B. WILFORD, *The University, Department of Inorganic Chemistry, Bristol (England)*, New fluorine-, sulphur- and tin-containing derivatives of the transition metals
- R. A. SCHUNN\*, C. J. FRITCHIE JR. AND C. T. PREWITT, *Experimental Station E. I. du Pont de Nemours and Co., Central Research Department, Wilmington (Del.)*, Syntheses of some cyclopentadienyl transition metal sulfides and the crystal structure of  $(\text{C}_5\text{H}_5\text{FeS})_4$
- E. W. ABEL\*, D. A. ARMITAGE, D. B. BRADY AND B. C. GOSSE, *University of Bristol, Bristol (England)*, Base strength and ligand properties of some organometallic bases
- P. M. TREICHEL\*, G. WILKES, M. BRAUNER, *University of Wisconsin, Department of Chemistry, Madison (Wis.)*, Organosulfur derivatives of the transition metals
- S. A. GIDDINGS, *American Cyanamid Company, Central Research Laboratories, Stamford (Conn.)*, Bis-cyclopentadienyl titanium(IV) compounds with S-containing groups
- W. A. G. GRAHAM\*, H. R. H. PATIL, D. J. PATMORE AND P. B. SIMONS, *University of Alberta, Edmonton (Alta., Canada)*, Organotin derivatives of transition metals
- J. LOCKE AND J. A. MCCLEVERTY\*, *University of Sheffield, Sheffield (England)*, New metal complexes of the maleonitrile dithiolate anion
- J. G. NOLTES\*, J. A. LEUSINK, H. M. J. C. CREEMERS AND G. J. M. VAN DER KERK, *Institute for Organic Chemistry T.N.O., Utrecht (The Netherlands)*, Polar reactions of organotin hydrides
- A. K. SAWYER\* AND J. E. BROWN, *University of New Hampshire, Durham (N. Hamp.)*, Reactions of *n*-butyltin hydrides with *n*-butyltin halides
- W. P. NEUMANN, *Justus Liebig-Universität, Institut für Organische Chemie, Giessen (Germany)*, Hydroplumbation of unsaturated compounds
- A. G. DAVIES\*, A. J. BLOODWORTH, P. R. PALAN AND W. R. SYMES, *University College London, London (England)*, Reactions of organotin oxides and alkoxides with trihalogenoacetaldehydes and trihalogenomethyl ketones
- R. OKAWARA, *Osaka University, Department of Applied Chemistry, Osaka (Japan)*, Some topics in organotin chemistry
- WALTER T. REICHEL, *Union Carbide Corporation, Plastics Division, Polymer Research and Development Laboratories, Bound Brook (N.J.)*, Tetraorganotin and its derivatives: the effects of steric hindrance in organo-tin chemistry
- HORST G. LANGER, *The Dow Chemical Company, Eastern Research Laboratory, Wayland (Mass.)*, Thermal chemistry of organotin compounds