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P R E S S S E R V I C E

S E R V I C E D E P R E S S E

OTAN/NATO, 1110 Bruxelles ■ Téléphone : 41.00.40 - 41.44.00 - 41.44.90

PRESS RELEASE (71)10

Brussels, 20th July, 1971

NATO RESEARCH GRANTS PROGRAMME

The NATO Science Committee's Advisory Panel on its Research Grants Programme, at its meeting on 11th June, awarded grants in support of the following 38 research projects. An additional set of awards will be made later in the year.

The purpose of the NATO Research Grants Programme is to stimulate scientific research carried out in collaboration between scientists in the member countries of the Alliance and thus to contribute to the development of the fundamental sciences in the NATO countries. The programme seeks to achieve this end by giving financial aid to research projects which are carried out as joint efforts between university laboratories or non-profit research institutes in different countries. Approximately 600 projects have been supported since the inception of the programme in 1960.

ANNEX TO PRESS RELEASE (71)10
NATO RESEARCH GRANTS PROGRAMME

| <u>Title of Project</u> | <u>Names of Collaborators</u> |
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| A Study of Necrotaxis. | Professor F.S. Barnes, University of Colorado, Boulder, Colorado, USA. Dr.M.Bessis, Hopital de Bicêtre, Paris, France. |
| Preparative and Nuclear Magnetic Resonance Studies of Phosphorus-Containing Compounds. | Dr. R.K.Harris, University of East Anglia, Norwich, England. Professor R.Schnutzler, Technische Universität, Braunschweig, Germany. |
| Formation of Nitrenes Catalysed by Metal Complexes. | Professor R.Ugo and Professor Dr. S. Cenini, Istituto di Clinica Generale, Milano, Italy. Professor W.Beck, Institut für Anorganische Chemie der Universität, München, Germany. |
| Spectroscopy and Catalytic Properties of Co-ordinated Transition Metal Ions, such as Cobalt and Iron. | Dr. C.H. Amberg and Dr. J.A. Koningstein, Carleton University, Ottawa, Canada. Dr. J.L.Verbeek, Technische Hogeschool, Eindhoven, Netherlands. |
| Dehydrogenation of Butane. | Professor J. Happel, New York University, Bronx, New York, U.S.A. Professor Dr.J.H.Block, Fritz-Haber Institut der Max-Planck-Gesellschaft, Berlin, Germany |
| Synaptic Organization of the Auditory Cortex of the Cat. | Dr. A. de Sousa-Pinto, University of Oporto, Oporto, Portugal. Professor A. Brodal, University of Oslo, Oslo, Norway. |
| Isolément, structures et synthèses de deux acides aminés isomères à partir d'une légumineuse, gymnocladus dioicus. | Professor J. Casimir, Faculté des Sciences, Gembloux, Belgium. Professor E.A. Bell and Dr. Nulu, University of Austin, Texas, U.S.A. |
| Chemistry and Structures of Compounds with Elements in Two Valence States | Professor Dr.G.Brauer, Lehrstuhl für Anorganische Chemie, Freiburg, Netherlands. Professor S.E. Rasmussen, Aarhus Universitet, Aarhus, Denmark. |

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| Theoretical Interpretation of Photoelectron Spectroscopy of Molecules and Radicals. | Dr. C.M. Moser, Centre de Mécanique Ondulatoire Appliquée, Paris, France. Dr.W.G. Richards, Physical Chemistry Laboratory, Oxford, England. Dr. G. Verhaegen, Free University of Brussels, Belgium. |
| Seasonal Variation of the Atmospheric Moisture Budget Terms Over and In the Vicinity of Central Anatolia. | Professor M. Erkmen, University of Istanbul, Turkey. Professor H. Fortak, Universität Berlin, West Berlin, Germany. |
| Turbulent Mixing of Co-Axial Jets. | Professor J.J. Delgado Domingos, Instituto Superior Técnico, Lisboa, Portugal. Dr. J.H. Whitelaw, Imperial College of Science and Technology, London, England. |
| Reactivity Infrared, X-Ray and Catalytic Studies on d^0 Complexes. | Professor U. Belluco, Università di Bologna, Italy. Dr. R.J.H. Clark, University College, London, England. Professor C. Panattoni, Istituto di Chemica Generale, Padova, Italy. |
| Polyribosome and Messenger RNA Metabolism in Rat Liver and Hepatomas. | Professor G. Mangiarotti, Istituto di Anatomia Umana Università, Torino, Italy. Professor D. Schlessinger, Washington University, St. Louis, Missouri, U.S.A. |
| Analytical, Electrochemical and Spectroscopic Investigations of some Organo-B-Metal Complexes. | Dr. R.E. Hester, University of York, Heslington, York, England. Dr. G. Tagliavini, Università di Padova, Padova, Italy. |
| Distribution of Xiphinema and Longidorus: Biology of Selected Species. | Dr. F. Lamberti, Laboratorio di Nematologia Agraria, Bari, Italy. Dr. C.E. Taylor, Scottish Horticultural Research Institute, Dundee, Scotland. Professor G. Martelli, Istituto di Patologia Vegetale, Università di Bari, Italy. |
| Electronic Properties of Molecules. A Field-Theoretical Approach. | Professor J. Linderberg, Aarhus University, Aarhus, Denmark. Professor F.E. Harris, University of Utah, Salt Lake City, Utah, U.S.A. Professor Y. Ohn, University of Florida, Gainesville, Florida, U.S.A. |

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| Photochemistry of Aromatic Molecules in the Gas Phase. | Dr.D. Phillips, University of Southampton, Hampshire, England. Professor E.K.C.Lee, University of California, Irvine, California, USA. |
| Phonon Spectroscopy of Paramagnetic Jahn-Teller Ions in Solids. | Dr. L.J.Challis, University of Nottingham, Nottingham, England. Mme A.M. de Goer, Centre d'Etudes Nucléaires, Grenoble-Gare, France. |
| Investigation of Reaction Mechanisms of Complex Ions. | Dr. H. Kelm, Universität Frankfurt, Frankfurt, Germany. Professor Dr.G.M.Harris, State University of New York, Buffalo, USA. Professor Dr. D.R.Stranks, University of Adelaide, Australia. |
| Biochemistry of S-Adenosylmethionine and S-Adenosylhomocysteine. | Professor F. Salvatore, Medical School, University of Naples, Italy. Professor S.K.Shapiro, University of Illinois, Chicago, Illinois, USA. |
| Redox Compartmentation and Intracellular Hydrogen Transport in Perfused Organs. | Professor Dr. T. Bücher, Institut für Physiologische Chemie und Physikalische Biochemie der Universität München, München, Germany. Professor Dr. B. Chance, University of Pennsylvania, Philadelphia, USA. |
| The Kinetics and Mechanism of the Nitration of Heterocycles. | Professor A.R. Katritzky, University of East Anglia, Norwich, England. Dr. H.O.Tarhan, University of Ankara, Turkey. |
| Phase Transition Studies by Neutron Scattering. | Dr.T.Riste, Institutt for Atomenergi, Kjeller, Norway. Dr. J.Feder, University of Oslo, Norway. Dr. G. Shirane, Brookhaven National Laboratory, Upton, New York, USA. |
| Structure and Function of some Flavoproteins. | Dr. B.Curti, Istituto di Chimica Biologica, Università di Pavia, Pavia, Italy. Dr.C.Williams Jr., Veterans Administration Hospital, Ann Arbor, Michigan, USA. Dr.V.Massey, University of Michigan, Ann Arbor, Michigan, USA. |
| Minerals in Icelandic Soils, Grasses and Animal Tissues. | Dr. J. Sigvaldason and Dr. T. Larusson, Rannsóknarstofa Nordurlands, Akureyri, Iceland. |

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| Vibrational Spectra of Metal Isotope Compounds. | Professor Dr. A. Müller, Universität Dortmund, Dortmund-Hombruch, Germany. Professor K. Nakanoto, Marquette University, Milwaukee, Wisconsin, USA. |
| Photoelectron Spectroscopy of Atoms, Molecules and Radicals. | Professor J.A.R. Samson, University of Nebraska, Lincoln, Nebraska, USA. Dr. N. Johathan and Dr. K. Ross, University of Southampton, Hampshire, England. |
| Intra- and Intermolecular Energy Transfer in Inorganic Systems. | Professor C. Furlani, Università di Perugia, Perugia, Italy. Professor G. Gliemann, Fachbereich Chemie der Universität Regensburg, Regensburg, W. Germany. |
| Brain-specific Proteins in Cephalopods. | Professor A. Giuditta, International Institute of Genetics and Biophysics, Naples, Italy. Dr. B.W. Moore, University of Washington, St. Louis, Missouri, USA. Dr. A. Packard, University of Edinburgh, Scotland. |
| Etude de la Différenciation du Plasmocytome Murin. | Dr. A. Paraf, Faculté des Sciences de Paris, France. Professor E. Borek, University of Colorado Medical Center, Denver, USA. |
| Nature of Complexes of Certain Proteins When They Bind Very Large Numbers of Alkyl Type Ions. | Professor J. Steinhardt, Georgetown University, Washington, D.C., USA. Dr. K.S. Birdi and Professor J. Koefoed, The Technical University of Denmark, Lyngby, Denmark. |
| Condensation by Homogeneous Nucleation in Steam and Moist Air. | Dr. P.P. Wegener and Dr. J.-Y. Parlange, Yale University, New Haven, Connecticut, USA. Dr. D. Barschdorff, University of Karlsruhe, Karlsruhe, W. Germany. |
| The Study of Plant Hormones Using Gas Chromatography-Mass Spectroscopy. | Dr. J. MacMillan, University of Bristol, Bristol, England. Dr. R.P. Pharis, University of Calgary, Alberta, Canada. Professor L. Rappaport, University of California, Davis, California, USA. |
| Actinide Cyanide and Isonitrile Complexes. | Professor Dr. F. Lux, Technische Universität München, München, Germany. Professor K.W. Bagnall, University of Manchester, England. |

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| Nutritional Studies on Icelandic Range Plants. | Mr. G. Olafsson, Institute of Animal Nutrition, Vollebekk, Norway. |
| Determination of Rate-Constants For Cationic Polymerisations. | Dr. P.H.Plesh, University of Keele, Staffordshire, England. Professor P. Giusti and Professor P.L. Magagnini, Istituto di Chimica Industriale, Pisa, Italy. |
| Etude des Interactions Protons-Pions sur Noyaux au N.A.L. (Batavia, Illinois, USA). | Professeur P. Cüer, Dr.R. Kaiser and Dr. J.-P.Massue, Laboratoire de Physique Corpusculaire, Centre de Recherches Nucléaires, Strasbourg-Cronenbourg, France. |
| Reactivity of Co-ordinated Organo-groups. | Professor G.Semerano, Università di Bologna, Bologna, Italy. Professor J.Lewis, University Chemical Laboratory, Cambridge, England. |