

MR. P. SEAGER,
BUILDING R1,
BUBBLE CHAMBER,

R.L.C. 11/64

Supplement No. 5

NATIONAL INSTITUTE FOR RESEARCH IN NUCLEAR SCIENCE

RUTHERFORD LABORATORY CIRCULAR NO. 11/64

SUPPLEMENT NO. 5

Opening Ceremony: Guest List

The list attached to Rutherford Laboratory Circular No. 11/64,
Supplement No. 1, is inaccurate. Please destroy it and substitute the
list attached hereto.

J.M. Valentine
Secretary.

Rutherford Laboratory.

22nd April, 1964.

GC

+ADAMS, Dr. J. B., C.M.G., F.R.S.	Director, Culham Laboratory, Culham, Abingdon, Berks.
ALLEN, Mr. F. H.	Hydraulics Research Station, Wallingford, Berks.
ARMSTRONG, Dr. V.	New Zealand Scientific Liaison Officer.
ASHLEY, Mr. E. L.	U.K.A.E.A., Risley, Warrington, Lancs.
ASHMORE, Dr. A.	Department of Physics, Queen Mary College, London, E.1
ATKINS, The Reverend E. C.	Vicar of Harwell and Chilton.
BELL, Mr. G. R.	Under Secretary, H. M. Treasury.
BELLAMY, Professor E. H.	Westfield College, London.
BISHOP, Mr. J. P.	N.U.G.M.W., Thorn House, 4-8 Endsleigh Gardens, London, W.C.1
BLACKETT, Professor P. M. S., F.R.S.	Imperial College of Science & Technology, London, S.W.7
BLAKE, Mr. D. R.	C. & N. (Electrical) Limited.
BOYD, Mr. J. M.	Amalgamated Engineering Union.
BRETSCHER, Dr. E.	Nuclear Physics Division, A.E.R.E., Harwell.
+BRIDGES, The Right Honourable The Lord, G.C.B., G.C.V.O., M.C., F.R.S.	The Chairman, National Institute for Research in Nuclear Science.
BROUGH, Mr. J. R.	Department of Education and Science
BROWN, Mr. R. R. B.	Chairman, Southern Electricity Board.
BURCHAM, Professor W. E., F.R.S.	Department of Physics, The University, Birmingham.

+Member of the N.I.R.N.S. Governing Body

BURGE, Mr. A. E.	A.E.R.E. Harwell.
BURHOP, Professor E. H. S., F.R.S.	Department of Physics, University College, Gower Street, London, W.C.1
BURNS, Mr. R. H.	Engineering Division, A.E.R.E.
BUTLER, Professor C. C., F.R.S.	Department of Physics, Imperial College of Science & Technology, London, S.W.7
CHIVERS, Mr. A. O.B.E.	W. E. Chivers & Sons, Limited.
CHOATE, Mr. K. H.	Southern Works Organisation, Tadley, Basingstoke, Hants.
COATES, Mr. R. H.	British Brown Boveri Limited.
COCKERILL, Mr. G. F.	Department of Education and Science.
+COCKCROFT, Sir John, O.M., K.C.B., C.B.E., F.R.S.	Master of Churchill College, Cambridge.
COLLINGE, Dr. B.	Department of Physics, The University, Mount Pleasant, Liverpool, 3.
COOKE-YARBOROUGH, Mr. E. H.	Electronics Division, A.E.R.E., Harwell.
CROSS, Mr. S. H.	Bowen & Pritchard Limited.
CURTIS, Mr. H. J.	Chairman, Abingdon Rural District Council.
CUTHBERT, Mr. A. L.	Engineering Group, U.K.A.E.A.
DAVIES, Mr. E. R.	The Clerk to the County Council, Berkshire County Council.
DEAN, Sir Maurice, K.C.B., K.C.M.G.	Joint Permanent Under-Secretary of State, Department of Education and Science.
DIAMOND, Professor J.	The University, Manchester, 13.
+Member of the N.I.R.N.S. Governing Body	

DIXON, Mr. G. W.	Former Chief Architect, Southern Works Organisation.
DOUGLAS, Dr. N. G.	Health Physics & Medical Division, A.E.R.E., Harwell.
DRAKE, Mr. A. E., O.B.E.	U.K.A.E.A.
DUNN, Mr. A. W.	Marston Excelsior Company Limited.
DUNN, Mr. P. D.	A.E.R.E.
EDWARDS, Mr. F. D.	Edwards High Vacuum Limited.
EVANS, Dr. H. W.	Department of Physics, The University, Mount Pleasant, Liverpool, 3.
FERGUSON, Mr. J. M.	English Electric Co. Limited, Stafford.
FISHENDEN, Mr. R. M.	Chairman, Chilton Parish Council.
FOWLER, Dr. P. H., F.R.S.	Department of Physics, The University, Bristol, 8.
FRANCIS, Dr. W. L.	The Director of Grants, Department of Scientific & Industrial Research.
FREEMAN, Alderman S.	Acting Chairman, Wallingford Rural District Council.
FRISCH, Professor O. R., O.B.E., F.R.S.	Cavendish Laboratories, Cambridge.
FRY, Mr. D. W.	Director, Atomic Energy Establishment, Winfrith.
FRYER, Mr. A. H.	Engineering Group, U.K.A.E.A.

+Member of the N.I.R.N.S. Governing Body

GERMAIN, Dr. P.	C.E.R.N., Geneva 23, Switzerland.
GLADWELL, Mr. G. E.	Lintott Limited.
GOOCH, Mr. L. G.	Vickers Armstrong (Aircraft) Limited.
GORONWY OWEN, Mr. G.	Frank N. Falkner & Partners.
GREEN, Dr. K.	Brookhaven National Laboratory, Upton, Long Island, New York, U.S.A.
GRIDLEY, Mr. J. C. C.B.E.	Chairman, Mobil Oil Company, Limited.
HARBERT, Mr. G. H.	Southern Works Organisation.
HEREWARD, Dr. H. G.	C.E.R.N., Geneva 23, Switzerland.
HEYMANN, Dr. F. F.	University College, Gower Street, London, W.C.1
HIGHTON, Mr. C. J.	U.K.A.E.A.
HINE, Dr. M. G. N.	C.E.R.N., Geneva 23, Switzerland.
+HITCHMAN, Sir Alan, K.C.B.	U.K.A.E.A.
HODGSON, Mr. T. C. B.	Chief Constable of Berkshire.
HOGG, The Right Honourable, Quintin, Q.C., M.P.	Lord President of the Council and Secretary of State for Education and Science.
HUDSPITH, Mr. H. C.	U.K.A.E.A.
HUGHES, Mr. J. J.	Engineering Group, U.K.A.E.A.
HUTCHINSON, Professor G. W.	Department of Physics, University of Southampton.
JACKSON, Mr. R. F.	Chief Engineer, A.E.R.E.
JELlicoe, Mr. G. A.	 , London, N.W.5
JENTSCHKE, Professor W.	Deutsches Elektronen Synchrotron, DESY, 2 Hamburg-Gross Flottbek 1, Flottbeker Drift 56, W. Germany.

+Member of the N.I.R.N.S. Governing Body

JOHNSEN, Dr. K.	C.E.R.N., Geneva 23, Switzerland.
JONES, Mr. A. N.	H.M. District Inspector of Factories.
JOSLIN, Major-General S.W.	Institution of Mechanical Engineers, 1 Birdcage Walk, London, S.W.1
KUSCH, Dr. W.	Polska Akademia Nauk, Instytut Badan Jadrowych, Swierk k/Otwocka, Zaklad Fizyki Jadra Atomowego, Warsaw, Poland.
LANG, Dr. H. R.	Institute of Physics and the Physical Society.
LAW, Mr. L. W.	Joseph Sankey & Son, Limited.
LE CREN, Mr. T. B.	General Secretary, Research Group, U.K.A.E.A.
LIGHTHILL, Dr. M. J.	Director, Royal Aircraft Establishment, Farnborough, Hants.
LIVINGSTON, Professor M. S.	Director, Cambridge Electron Accelerator, Massachusetts Institute of Technology & Harvard University, 42 Oxford Street, Cambridge 38, Massachusetts, U.S.A.
LOUITT, Dr. J. F., F.R.S.	Medical Research Council, Radiobiological Unit, Harwell.
MACFARLANE, Dr. G. G.	Radar Research Establishment, Malvern, Worcestershire.
MACKERETH, Mr. M. W.	Engineering Group, U.K.A.E.A.
MAKINS, Sir Roger, G.C.B., G.C.M.G.	Chairman, U.K.A.E.A. until February 1964.
MARSHALL, Dr. W. G.	Theoretical Physics Division, A.E.R.E.
MARTIN, Dr. R. L.	Argonne National Laboratory, 9700 South Cass Avenue, Argonne, Illinois 60440, U.S.A.
+MASSEY, Sir Harrie, F.R.S.	University College, Gower Street, London, W.C.1.

+Member of the N.I.R.N.S. Governing Body

MATTHEWS, Professor P. T., F.R.S.	Imperial College of Science & Technology, London, S.W.7
MITCHELL, Mr. D. S.	U.K.A.E.A.
MITCHELL, Professor E. W. J.	The University of Reading, Physics Department.
MOON, Professor P. B., F.R.S.	Physics Department, University of Birmingham, Birmingham, 15.
MUDIE, Mr. D. J.	F. H. Wheeler, Limited.
MURRAY, Sir Keith	Chairman, University Grants Committee, until September 1963.
NEAVE, Mr. Airey, D.S.O., O.B.E., M.C., M.P.	M.P. for Abingdon.
NEWHOUSE, Mr. H. H.	Brentford Transformers Limited.
NOTT, Mr. J. A.	Engineering Group, U.K.A.E.A.
PAUL, Professor E. B.	Department of Physics, The University, Manchester 13.
PEIERLS, Professor R. E., C.B.E., F.R.S.	Department of Theoretical Physics, Clarendon Laboratory, Oxford.
PIPPARD, Professor A. R., F.R.S.	The Royal Society.
PIRIE, Dr. J. N.	Matthew Hall Limited.
+POWELL, Professor C. F., F.R.S.	H. H. Wills Physical Laboratory, Royal Fort, Bristol.
QUERCIA, Professor I. F.	Former Director, Istituto Nazionale di Fisica Nucleare, Laboratori di Frascati, Casella Postale, 15, Frascati, Roma, Italy.

+Member of the N.I.R.N.S. Governing Body

RADLEY, Sir Gordon, K.C.B., C.B.E.,
Ph.D.(Eng.), M.I.E.E.

Institution of Electrical Engineers.

RATCLIFFE, Mr. A.

Marston Excelsior Company Limited.

RATCLIFFE, Mr. J.A., C.B.E., F.R.S.

Radio Research Station, Ditton Park,
Slough, Bucks.

ROAF, Dr. D.

Department of Nuclear Physics, Nuclear
Physics Laboratory, Oxford.

ROCHESTER, Professor G.D., F.R.S.

Department of Physics, The Durham
College, Durham.

SACHS, Dr. R.G.

Argonne National Laboratory, 9700 South
Cass Avenue, Argonne, Illinois 60440,
U.S.A.

SALAM, Professor A., F.R.S.

Department of Physics, Imperial College
of Science & Technology, London, S.W.7.

SALMON, Dr. A.

A.E.I. (Manchester) Limited.

SCHONLAND, Sir Basil, C.B.E., F.R.S.

Consultant - Research Group, U.K.A.E.A.

SEARBY, Mr. P.J.

Deputy General Secretary, Research Group,
U.K.A.E.A.

SOWREY, Group Captain F.B., A.F.C.

Commanding Officer, R.A.F. Abingdon, Berks

SPENCE, Dr. R., C.B., F.R.S.

Director, A.E.R.E.

SPENCER, Mr. D.W.

Chief Engineer, Supply Services,
Engineering Group, U.K.A.E.A., Risley,
Warrington, Lancs.

STANLEY, Alderman J.H.

The Mayor of Abingdon.

SUTHERLAND, Sir Gordon, F.R.S.

National Physical Laboratory, Teddington,
Middlesex.

TAPPIN, Mr. T.R.

Chairman, Dideot Parish Council.

TATFORD, Mr. F. A.	U.K.A.E.A.
TEILLAC, Professor J.	The Director, Laboratoire Joliot-Curie de Physique Nucleaire, Boite Postale No.1, Orsay (Seine et Oise), France.
THOMPSON, Mr. R. A.	Ministry of Education and Science, Whitehall.
THOMSON, Sir George, F.R.S.	Master of Corpus Christi College, Cambridge until 1962.
TURNBULL, Sir Frank, K.B.E., C.B., C.I.E.	Department of Education and Science, Whitehall.
VARNEY, Mr. K. P.	A.E.R.E.
VICK, Dr. F. A., O.B.E.	Member for Research, U.K.A.E.A.
VINEY, Mr. T. L.	Engineering Group, U.K.A.E.A.
WALDRON, Dr. J. D.	A.E.I. (Manchester) Limited.
WASSERAB, Professor	Brown Boveri Limited.
WEIGHTON, Mr. D.	Pye Limited.
WEISSKOPF, Professor V. F.	The Director-General, C.E.R.N., Geneva 23, Switzerland.
WHEATCROFT, Mr. E. L. E.	Merz & McLellan Ltd.,
WHITBY, Mr. H. C.	A.E.R.E.
WHITE, Professor Milton G.	Princeton-Pennsylvania Accelerator, P.O. Box 682, Princeton, N.J., U.S.A.
WILKINS, Mrs. J.	
+WILKINSON, Professor D. H., F.R.S.	Department of Nuclear Physics, Nuclear Physics Laboratory, Oxford.

+Member of the N.I.R.N.S. Governing Body

WILKINSON, Councillor O. C.

The Mayor of Wallingford.

WILLSON, Mr. D. R.

Secretary, Culham Laboratory, Culham.

WILSON, Colonel N.

Southern Works Organisation.

WINDEBANK, Mr. C. S.

Esso Research Limited.

WINTER, Dr. S. D.

Commissariat a l'Energie Atomique,
Centre d'Etudes Nucleaires de Saclay,
France.

RUTHERFORD LABORATORY STAFF

The following members of staff have been invited to the Opening Ceremony with their wives:

ALLEN, Dr. W. D.	Electrostatic Generator Group
ASHBURN, Mr. A. G.	Central Engineering Group
ATKINSON, Dr. H. H.	Nimrod - General Physics Group
BENNETT, Dr. R. G. T.	Nimrod Beams Physics Group
BOWLES, Mr. P.	Chief Engineer
BROOKS, Mr. H. C.	Nimrod Machine Engineering Group
CARR, Mr. R.	Nimrod High Energy Physics Engineering Group
CUNINGHAME, Mr. J. G.	Nuclear & Radiochemistry Group
DICKSON, Mr. J. M.	P.L.A. - Accelerator Physics Group
EGGINTON, Mr. A. J.	Nimrod Beams Physics Group
GOODE, Mr. J. A.	Central Engineering Group
GRAY, Mr. D. A.	Nimrod Machine Physics Group
GRESHAM, Mr. A. T.	Central Engineering Group
HADLEY, Mr. H.	Central Engineering Group
HANNA, Dr. R. C.	P.L.A. - Nuclear Physics Group
HARRISON, Mr. E. R.	Attached Nimrod Division
HEWITT, Mr. A. G.	Cyclotron Group - Engineering
HEY, Mr. P. D.	Nimrod High Energy Physics Engineering Group
HOBBIS, Dr. L. C. W.	Nimrod Division
JENKINS, Mr. R. M.	Personnel Group

JONES, Mr. E. J.	Cyclotron Group
KING, Mr. N. M.	Theoretical Studies Group
LAWSON, Mr. J. D.	Cyclotron Group
LOUTH, Mr. J. C.	Nimrod Machine Engineering Group
MAJOR, Mr. J. H.	Central Engineering Group
MARCHBANKS, Mr. M. J.	Central Engineering Group
MARSH, Mr. J. B.	P.L.A. - Engineering Group
MILLER, Mr. A.	Accounts Group
MILNE, Mr. J. D.	Nimrod Beams Physics Group
MORGAN, Mr. D.	Theoretical Studies Group
MORTIMER, Mr. A. R.	Nimrod Machine Engineering Group
MULLETT, Mr. L. B.	Assistant Director
MURPHY, Dr. P. G.	High Energy Physics - Counter Group
PICKAVANCE, Dr. T. G.	Director
PICKUP, Dr. E.	High Energy Physics Bubble Chamber Group
RUSSELL, Mr. R. G.	Nimrod Machine Engineering Group
SIMMONDS, Mr. G. E.	Central Engineering Group
SNOWDEN, Mr. M.	Radiation Protection & Bubble Chamber Groups
STAFFORD, Dr. G. H.	High Energy Physics Division
TAYLOR, Dr. R.	Theoretical Studies Group
THRESHER, Dr. J. J.	High Energy Physics - Counter Group

VALENTINE, Dr. J. M.	Secretary, Rutherford Laboratory
VENN, Mr. G. N.	Nimrod High Energy Physics Engineering Group
WALKINSHAW, Mr. W.	Applied Physics Division
WALSH, Mr. T. R.	Scientific Administration Group
WILDE, Mr. P.	High Energy Physics Electronics Group
WOODALL, Mr. W. W.	General Administration Group

OTHER INVITED NATIONAL INSTITUTE STAFF

BRAY, Mr. W.	Secretary, Staff Side, Whitley Council, National Institute.
CHURCHHOUSE, Dr. R. F.	Atlas Computer Laboratory
CROWLEY-MILLING, Mr. M. C.	Daresbury Nuclear Physics Laboratory
HALSTEAD, Mr. B.	N.I.R.N.S. Secretariat
HOLT, Dr. J. R. F.R.S.	Daresbury Nuclear Physics Laboratory
HOWLETT, Dr. J.	Atlas Computer Laboratory
MERRISON, Professor A. W.	Daresbury Nuclear Physics Laboratory
MILLEN, Mr. H. J.	N.I.R.N.S. Secretariat
MOORE, Mr. M. J.	Daresbury Nuclear Physics Laboratory
SHORT, Mr. J.	Vice-Chairman, Joint Consultative Committee, Rutherford Laboratory
SPURWAY, Mr. A.	Vice-Chairman, Whitley Council, National Institute.
WILLIS, Dr. J. A. V.	Secretary, N.I.R.N.S.