

# VEWSLETTER new technologies and innovation policy. BRARY

# EUROPEAN VENTURE CAPITAL MANAGERS MEET IN ROME

The venture capital industry in Italy is on the move and though total funds available are still modest, there is a new dynamism in this area of financial activity. This message was spelled out by a panel of speakers from Italian venture capital companies at an internal seminar organised by the **European Venture Capital Association (EVCA)** in Rome, March 22, 1985.

Total venture capital funds available in Italy at present amount to about \$150 million. In addition, major industrial groups such as Olivetti are active in this area.

Two new purely venture capital companies, have recently been set up with total equity of \$7.5 million, and more VC companies are expected to be established during the coming year with the backing of both banks and private investors. Up until now the venture capital industry has been represented in Italy by four or five financial companies which, though not specialised in this area, sometimes make venture capital investments.

Gianmario Roveraro of Italfinanziaria Internazionale one of the founding EVCA members — pointed out that there is a tendency toward the financing of start-up and first stage operations, though the general size of the individual investment is relatively small. Investments are being made in innovative sectors such as electronics, telecommunications, robots, image processing, soilless agriculture etc. Participations are in the range of 15-40%.

We believe that the venture capital industry has fairly good prospects in Italy, provided that adequate tax incentives are introduced, as in other countries, and that the interest of private and institutional investors in equity investments can be encouraged and supported,' he said.

Also speaking at the seminar was Umberto Agnelli, Vice President of Fiat who discussed the initiative of the Roundtable of European Industrialists (leading figures from 22 large European companies) in setting up a trans-European venture capital fund — Euroventures BV. Though only incorporated in December 1984, the Fund is in the process of setting up its first three satellite funds, and the first completed is likely to be in Italy. The satellite funds are being set up in conjunction with local venture capital companies and other investors.

Other speakers at the seminar focused on the problem of motivating entrepreneurs, particularly through share options. Clive Tulloch of Coopers & Lybrand gave an overview of the position for entrepreneurs in Europe regarding stock options and presented information based on the study Coopers & Lybrand has recently drawn up for the EC Commission.

The seminar was rounded off by the formal announcement and presentation to EVCA members of the EC Commission's pilot innovation finance scheme (see also NL 37). The project which offers co-investment by the European Communities in syndicated transborder venture capital financing, was presented by Dr Neil Cross of 3i who helped design the scheme in conjunction with the Commission. The proposal suitably aroused the financial antennae of all the venture capitalists present.

# **ISPRA COURSES**

The Education and Training Programme of the Joint Research Centre, Ispra Establishment, has been set up in recognition of the growing importance of continuing education in modern technological society. It is designed to improve the dissemination of scientific and technical knowledge, in subjects related to the research activities of the JRC, to the potential European users: industries, public bodies, research and educational organizations, etc.

Owing to the number and the quality of specialists of the various fields covered by the courses who are brought to Ispra as lecturers or participants, this programme plays an important role in the integration of the research teams of the JRC with the European scientific world, and in the development of contacts and ties between European scientists active in a given field.

The Education and Training programme consists both of Courses giving the fundamentals of new or specialized disciplines, and Seminars at research level presenting the state of very rapidly evolving subjects. Though

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ommission of the European Communities G XIII—A 2920 Luxembourg 1 call (352) 4301 2918

The Department Scientific and Technical Communication of the Directorate-General Information Market and Innovation arranges, in certain cases, the publication of the courses proceedings by commercial publishers. The following titles have been published:

EUR 6392 Biological Aspects of Freshwater Pollution ISBN 0-08-023442-9

Published by Pergamon Press Headington Hill Hall, UK-OXFORD OX3 OBW . . .

EUR 6564 Advances in Elasto-plastic Fracture Mechanics ISBN 0-85334-889-8

EUR 6693 Advanced Structural Dynamics ISBN 0-85334-859-6

EUR 6674 Creep of Engineering Materials and Structures ISBN 0-85334-878-2

EUR 8758 Subcritical Crack Growth due to Fatigue, Stress Corrosion and Creep ISBN 0-85334-289-X

Published by Applied Science Publishers Rippleside Commercial Estate, **UK-BARKING**, Essex

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EUR 6611 Remote Sensing Application in Agriculture and Hydrology ISBN 90-6191-081-1

EUR 6672 Application of Remote Sensing to Agricultural Production Forecasting ISBN 90-6191-098-7

Published by A. A. Balkema Publishers P. O. Box 1675 NL-3000 BR ROTTERDAM

EUR 6979 Energy Storage and Transportation ISBN 90-277-1166-6

EUR 7955 Thermal Energy Storage ISBN 90-277-1428-2

- EUR 8400 Performance of Solar Energy Converters: Thermal Collectors and Photovoltaic Cells ISBN 90-277-1545-9
- EUR 8516 Programming for Software Sharing ISBN 90-277-1591-2

EUR 8498 National Energy Planning and Management in Developing Countries ISBN 90-277-1589-0

Published by D. Reidel Publishing Company, Spuiboulevard 50, P. O. Box 17, NL-3300 AA DORDRECHT

EUR 6670 Solar Thermal Power Generation ISSN 0378-7796

EUR 6599 Design and Technology of Solar Heating and Cooling Systems for Buildings ISSN 0378-7788

Published by Elsevier Sequoia, Avenue de la Gare, 50, CH-LAUSANNE

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EUR 6990 Applied Thermoluminescence Dosimetry ISBN 0-85274-544-3 Published by Adam Hilger, Techno House, Redcliffe Way, UK-BRISTOL BS1 6NX

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EUR 7648 Safety Problems Related to Sodium Handling in LMFBR and Large Test Facilities ISBN 3-7186-0087-7

EUR 7646 Plasma Physics for Thermonuclear Fusion Reactors ISBN 3-7186-0091-9

EUR 7647 Engineering Aspects of Thermonuclear Fusion Reactors ISBN 3-7186-0090-0

EUR 8332 Mathematical and Statistical Methods in Nuclear Safeguards ISBN 3-7186-0124-9

EUR 8403 Multiphase Processes in LMFBR Safety Analysis ISBN 3-7186-0089-7

EUR 8402 Quality Assurance in Nuclear **Power Plants** ISBN

Published by Harwood Academic Publishers, Tolsteegsingel 1C, NL-3582 AC UTRECHT

EUR 7137 Application of Mass Spectrometry to Trace Analysis ISBN 0-444-42042-8

EUR 7882 Analytical Techniques for Heavy Metals in Biological Fluids ISBN 0-444-42212-9

EUR 8754 Optical Remote Sensing of Air Pollution ISBN 0-444-42343-5

Published by Elsevier Scientific Publishing Company, Molenwerf 1, P. O. Box 211, NL-1000 EA AMSTERDAM

oriented towards applied science and technology, generally their scientific content is at a high level and addressed to persons having a university education and being professionally active in the field.

The lecturing staff consists of both invited experts and JRC staff members.

Courses are given in the following areas:

- Nuclear Science and Engineering

- Reliability and Risk Analysis

- Energy Systems and Technology
- Remote Sensing and Resources - Material Science
- Environmental Science/Chemistry
- Mechanical Science
- Health Physics and Radioprotection.

Informations on the Ispra Courses (programme for 1985, participation fees, etc.) may be obtained from:

Secretariat 'ISPRA-Courses' Att. Mr Rolf MISENTA Centro Comune di Ricerca I-21020 ISPRA (VARESE) tel. (0332) 789839/781128/789819 telex 380042 - 380058 EUR I

# ANNOUNCEMENT OF OPPORTUNITIES UNDER THE PLAN TO STIMULATE EUROPEAN COOPERATION AND SCIENTIFIC AND TECHNICAL INTERCHANGE 1985-1988

#### I. Background

Following the success of the experimental phase (1983-1984) in which various methods of support were tested, the Council of Ministers gave its formal approval on 12 March 1985 to the plan to stimulate scientific and technical cooperation and interchange within the European Community. The Commission is therefore preparing to launch it, subject to approval of the Community budget for 1985. Under this activity, projects may be supported in all fields of the exact and natural sciences provided that they meet the criteria set out below. Thus applications may, on the one hand, be projects, put forward jointly by teams of researchers or engineers from EEC countries, which require collaboration on a monodisciplinary or multidisciplinary basis in order to be brought to a successful conclusion. Alternatively, they may be for the costs involved in seconding researchers from one Community country to another, in bringing a scientist into a team in a country other than his own, or in developing the specialization of a young graduate scientist before joining a research laboratory. In both cases applications may be from the public or private, university or industrial sectors.

The choice of proposals which could receive Community support will be guided by an assessment of their scientific quality, the strategic interest of the scientific field concerned, the value which can be added by the European dimension, their transnational character, the extent to which they are interdisciplinary or multidisciplinary in content and the value of the work proposed in terms of breaking down barriers between different forms of R and D (basic, applied). Another factor to be taken into account will be the way in which proposals, where appropriate, complement existing Community programmes.

#### II. Support methods to be used

Three forms of support will be used:

#### (i) Laboratory twinning:

Grants making it possible for researchers in laboratories in different countries to meet, carry out joint experiments and exchange results. Twinnings may involve more than two laboratories, and must involve more than one Member State of the European Community.

#### (ii) Operations contracts:

Grants making it possible to bring together the best available specialists in various disciplines and countri-

es of the EEC so as to achieve a specific and predetermined objective, in a multidisciplinary, trans-national project more rapidly and effectively. Operations will involve several laboratories and will include assistance with salaries, equipment and other research costs.

#### (iii) Research grants:

Grants will be available providing:

- funding to enable a researcher to make shortstay visits (15 days to one month) to another country within the Community. Such grants will be suitable where researchers wish to investigate the possibilities of setting up transnational collaboration that may, in future, qualify for other forms of aid under the stimulation plan;
- funding to cover the costs involved in the mobility (travel, accommodation, removal, etc.) in the research work and possibly in paying the salary of a researcher seconded to or assimilated in a research team from a country (within the EEC) other than his own. The period of time involved may vary from six months minimum to three years (maximum);
- funding to cover the costs associated with the mobility and the research work of a young scientist employed by an industry, who goes to follow a lengthy training course (between one and three years) in a public sector laboratory in a different country, (within the EEC) where the salary would continue to be met by the industrial employer;
- a flat-rate sum allocated to a young graduate in another country (within the EEC) for a period of at least one year and at most two, in order to develop specialization either in a field where there is no Community programme, or when the research concerned is of a multisectoral character.

# III. The allocation of financial support

Proposals made out on the appropriate forms and specifying the total amount of support required will be evaluated by means of a system of referees set up under the aegis of CODEST (the Committee for the Development of European Science and Technology), which is responsible for advising the Commission on this matter. It is intended to undertake this evaluation during the coming months, so that the Commission is in a position to issue contracts when the Community budget for 1985 is adopted by the budgetary authority. Over the next four years 60 million ECU will be available for the plan. The amount of support given by the Commission to each selected proposal will vary according to the method of support required. Applicants may care to note that support given by the ECC under the plan covers 100% of the expenditure incurred upon the collaboration.

#### **IV. Applications**

Any person or body (either in the public or the private sector) wishing to learn more about the stimulation action, or who wishes to submit a proposal is invited to contact the following address:

Directorate-General for Science, Research and Development,

Directorate A, Division XII-A-2 — Stimulation Action, Commission of the European Communities, rue de la Loi, 200, B-1049 Brussels.

This announcement is published in the Official Journal C 73 of 19 March 1985 in all Community languages.

# The Consultative Committee for Innovation and Technology Transfer — CIT

The Council of the European Communities in Art. 6 of the Council Decision of 25 November 1983 concerning a plan for the transnational development of the supporting infrastructure for innovation and technology transfer has laid down the legal provisions for the setting up of a Consultative Committee for Innovation and Technology Transfer, which assists the Commission in implementing the innovation infrastructure plan. This Committee has been attributed the following duties (see Annex II of CD from 25. 11. 83)

- to deliver opinions on the measures designed to promote the transnational development of liaison and cooperation infrastructures and to provide incentives to trade and the exploitation of technologies (see art. 1 CD). In particular this involves opinions on the preparation of the annual list of priorities and the selection of projects likely to benefit from financial support;
- to aid the Commission in ensuring the proper functioning of the continuous exchange of information and the comparative assessment of experience among the Member States which must enable volontary concertation of the actions of the Member States in the field of innovation to be achieved;
- to examine the annual report to be drawn up by the Commission and to assess the results of the actions carried out.

CIT members are representatives nominated by the individual Member States chaired by a representative of the Commission (see following list).

# **CIT MEMBERSHIP LIST**

**Chairman: Dr. H. Burgard,** Director, New technologies and innovation policy, Commission of the European Communities L-2920 Luxembourg Deputy: **Mr. J. M. Gibb,** Head of Department, DG XIII-A-2 Commission of the European Communities L-2920 Luxembourg

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The **Secretariat** of the Committee is provided by the services of the Commission. The secretary is:

Mr. R. Miège DG XIII-A-2 C. E. C. L-2920 Luxembourg

# INNOVATION FROM COMMUNITY RESEARCH

# KURTOSIS meter for monitoring and detection of the condition of roller bearings

Ball and roller bearings form an integral part of our everyday life; they are found in almost all machines and vehicles. In many types of use, the bearings are subjected to very severe working conditions and damage may have catastrophic results. The availability of a light and simple device for monitoring their condition is therefore a major advantage.

It has been known for a number of years that an analysis of vibration data taken from near a bearing in a machine enables the bearing's condition to be diagnosed. But this method, based on the detection of changes in the acceleration peaks, requires comparative measurements and trend analysis techniques in order to demonstrate deterioration in the condition of a bearing.

A research project financed by the ECSC (European Coal and Steel Community) and conducted by the Teesside Laboratory of the BRITISH STEEL CORPORATION in MIDDLESBOROUGH, aimed at radically simplifying the detection of bearing damage by identifying a parameter linked with bearing vibrations that was constant in all cases where a bearing was undamaged, and that showed the greatest change as soon as a small degree of damage appeared.

This research showed that the KURTOSIS factor (a statistical term) for an undamaged bearing was always 3, and would be significantly higher when damage was present. The KURTOSIS technique, being a 'shape recognition' method, is relatively unaffected by absolute vibration levels. It can be used to check the state of bearings even under difficult measurement conditions, e. g. when the vibration amplitude is small or masked by other vibrations.

The BRITISH STEEL research project led to the development of a light, easy-to-use meter suitable for use on all rotating machinery with ball and roller bearings in all areas of human activity.

This device is now produced under licence by the British company

CONDITION MONITORING Ltd., Unit 2, Tavistock Industrial Estate, Ruscombe Lane, **UK-TWYFORD, Berkshire.** Tel. (0734) 34 26 36 Telex 847151

# **EUROARTICLE PROJECT**

The Euroarticle project involves cooperation between the Commission's Directorate-General Information Market and Innovation and the European Journals Group for Science and Technology, whose members are at present:

ENDEAVOUR (United Kingdom) NATUUR EN TECKNIEK (The Netherlands) PERISKOPIO THIS EPISTIMIS (Greece) LA RECHERCHE (France) SCIENZA E TECNICA (Italy) TECHNOLOGY IRELAND (Ireland) DIE UMSCHAU (Germany) (Recently, the Italian journals SCIENZA DUEMILA and AMBIENTE-RISORSE-SALUTE have been associated to the project)

The project's aim is to give articles on important scientific and technical topics the widest possible distribution across language and national borders. A topic proposed will be accepted as a Euroarticle only if, from the very beginning, at least two journals from different countries commit themselves to publish it and pursue its preparation through all the preliminary phases.

The Commission supplies translations into the different journals' languages. It also coordinates — through a Secretariat established for this purpose in D. G. XIII-A — the cooperation between the different journals and the authors, and it contributes to the author's fee.

Statistics of published Euroarticles:

1978	5 topics	16 articles published
1979	8 topics	19 articles published
1980	4 topics	10 articles published
1981	12 topics	39 articles published
1982	15 topics	45 articles published
1983	15 topics	59 articles published
1984	39 topics	126 articles published

Project Manager: Ms L. GERLACH

Commission of the European Communities DG XIII-A-2 2920 Luxembourg Tel.: (0352) 43012922

# Selected new publications in the Commission's EUR series

All the following reports, books and proceedings are issued by the Commission of the European Communities' department for scientific and technical communication and published by the Office for Official Publications of the European Communities, L-2985 Luxembourg.

Abstracts of the publications listed below are available in 'euro abstracts, section I', December 1984, and online from the Commission's data bank EABS, accessible via ECHO (European Community Host Organisation) on Euronet DIANE.

# Energy

HOFMANN H. et al. EUR 9406 EN (MF)

- Advanced alkaline water electrolysis at enhanced pressures (30 to 60 bars) and enhanced temperatures (100° to 200° C).
- MATHIS P. et al. EUR 9274 EN (MF)
- The mechanism of photosynthetic oxygen evolution: A study of the primary photoreactions and of electron carriers.
- NIJS, H. et al. EUR 9134 EN (MF)
- Photochemical dissociation of water in colloidal clay suspensions.
- GREGOR, J. M. EUR 9259 EN (MF)
- Studies on the measurements of solar radiation.
- KLÖCKNER STAHLFORSCHUNG EUR 9122 DE/EN (MF)
- Coal gasification in the molten iron reactor. Performance of coal gasification trials in a 60 t industrial converter.

CEC. EUR 9287 DE, EN, FR (FS)

• The glass industry in the European Economic Community.

# Special stock market segments for small company shares: Capital raising mechanism and exit route for investors in new technology-based firms

by H. SCHMIDT

1984, 551 pp. ISBN 92-825-4840-6, EUR 9235 EN

price: BFR 1800

published by the Office for Official Publications of the European Communities

In order to stimulate the financing of small and medium-sized enterprises, the traditional conditions of access to the Stock Exchange, adapted to the cases of major firms, have to be modified, taking into account the characteristics of a market for small company shares, where a limited number of investors may warrant a special trading procedure.

In order to facilitate the access of innovative high-risk companies to organized securities' markets, the author recommends measures in areas such as investment banking, regulation of institutional investors and taxation.

# PART 1

# CONTENTS

The importance of secondary markets in external equity financing of small firms

- A. Importance of equity financing of small firms for the economy
- B. Secondary markets as a means of faciliting external equity financing of small firms
- C. The contribution of a secondary market to external equity financing of small firms

# PART 2

The secondary markets for equity instruments of small companies in the Member States of the European Communities.

Part 2 is subdivided into 10 chapters which give an account of the respective secondary market for equity instruments for small companies in each individual Member State.

# PART 3

Factors facilitating or impeding securities market equity financing of small industrial companies

- A. Forms of business organization acceptable for secondary markets Summary and recommendations
- B. Frequently used instruments for equity financing

Summary and recommendations

- C. Investor, investment motives and investment restrictions Summary and recommendations
- D. Issuing houses and availability of investment banking services

Summary and recommendations

E. Secondary markets for small company equity instruments

# HERLIHY, P. et al. EUR 9272 EN (MF)

- Estimation of energy and cost savings arising from rationalisation of milk assembly operations.
- ENEL. EUR 9325 IT (MF)
- Progettazione e realizzazione di sonde per rilievi in pozzi profondi con alta temperatura.
- WITHMAN, W. E. EUR 8924 EN (MF)
- Improved boiler control in food factories.
- REICHERT, J. et al. EUR 9282 EN (MF)
- European Modelling Group: Final Report of the German participant.
- SCHOEFFLER, G. EUR 9010 EN/FR (MF)
- Récupération de l'énergie par pompe à chaleur sur une machine à laver la vaisselle de collectivités.
- DE GROOTE, X. et al. EUR 9196/I EN (MF)
- R & D planning under uncertainty.
- **DE GROOTE, X.** EUR 9196/I/EN (1984) MF, 72 p., BFR 120, blow-up copy BFR 360 (2)
- A stochastic energy R & D budget.
- BOSI, P. et al. EUR 9178 EN (MF)
- Final Report on the research activity carried out by The Prometeia Group (Italy) for the HERMES macrosectoral model.
- MARSHALL, R. EUR 9143/II EN (MF)
- Modelling of thermal storage for solar heating systems.
- VAN DEN BRINK, G. J. et al. EUR 9260 EN (MF)
- Thermal energy storage system using organic phase change materials with improved thermal conductivity for storage temperatures between 35° and 120° C.
- GRAZINI, G. et al. EUR 9132 EN (MF)
- OPTIMO A method for assessing the energy saving potential in public-property buildings.
- LEYSEN, J. et al. EUR 9305 FR (MF)
- Système de chauffage et de préparation d'eau chaude sanitaire utilisant des capteurs solaires sans vitrage refroidis par pompe à chaleur.
- BAUCH, R. et al. EUR 9311 EN (MF)
- Weathering of solar collectors.
- KATHOLIEKE UNIVERSITEIT LEUVEN. EUR 9039 EN (MF)
- Electric car using solar energy.
- JUNGE, W. at al. EUR 9331 EN (MF)
- Photosynthetic water oxidation by green plants: on the role of protons.
- BEMMOUN, P. et al. EUR 9322 EN (MF)
- Molecular genetics of the chloroplast of Chlamydomonas reinhardtii.

GOODENOUGH, J. B. et al. EUR 9383 EN (MF)

- Development and characterisation of new materials to use as electrodes in photoelectrochemical solar cells designed to convert solar energy to chemical energy.
- BERGER, C. EUR 9176 FR (MF)
- Un algorithme de décomposition emboîtée pour des modèles linéaires multirégionaux dynamiques.
- GIANNONE, G. et al. EUR 9332 IT (MF)
- Applicazione di un modello numerico allo studio del campo geotermico di Mofete, Italia.

# **Physical Sciences**

# MCALLAN, J. V. EUR 9310 EN (MF)

- Report on the characterization of a gas controlled heat pipe furnace.
- VAN DE VOORDE, H. EUR 9362 EN (FS)
- Spin-off benefits from aero-engine materials technology to traditional and new industries.
- HUMAN, H. G. C. et al. EUR 9193 EN (MF)
- The use of the thermal lens effect for enhancement of sensitivity in molecular absorption spectrometry

with special reference to the use of a pulsed dye laser as source.

# **Environment and Quality of Life**

- BEONIO BROCCHIERI. F. EUR 9109 IT (MF)
- Sull'uso di dati telerilevati LANDSAT per realizzare l'inventario delle zone coltivate a pioppo nella valle Padana.
- EDWARDS, C. A. EUR 9360 EN (MF)
- Report of the second stage in the development of a standardized laboratory method for assessing the toxicity of chemical substances to earthworms.
- LORENZON, G. et al. EUR 9004 EN (MF)
- Biochemical behaviour of inorganic mercury in the tissues of rats and rabits.
- BEONIO-BROCCHIERI, F. EUR 9131 IT (MF)
- Sulla applicazione delle metodologie di trasformazione lineare e non-lineare a problemi di classificazione di dati telerilevati.

# **Radiation Protection**

- CEC. EUR 9304 EN (FS)
- CEC coordinated project MIRAGE (MIgration of RAdionuclides in the GEosphere).

# **Information Management**

- CHRISTIANSEN, M. EUR 9199 EN (MF)
- Europeanwide structure for a videotex data base for agricultural information.

# **BCR Information**

VANDESCASTEELE, C. et al. EUR 9257 EN (FS)

- The certification of boron in primary ingot aluminium.
- GRIEPINK, B. et al. EUR 9251 EN (MF)
- The certification of the contents (mass fractions) of cadmium, copper, iron, mercury and lead in one natural sample of skim milk powder (BCR No. 63) and in two spiked samples of skim milk powder (BCR N.)

# Medicine

BENSON, P. F. Published by: MTP Press Limited, Lancaster, UK

Screening and management of potentially treatable genetic metabolic disorders.

# Agriculture

HOLMES, W. Published by: Kluwer Academic Publishers Group, Dordrecht, The Netherlands

- Grassland beef production.
- CEC. EUR 8913 DE, EN, FR, IT (FS)
- Report of the scientific veterinary committee, the scientific committee for animal nutrition and the scientific committee for food on the basis of the report of the scientific group on anabolic agents.

# From the Official Journal

Commission Communication concerning the research and development programme on the management and storage of radioactive waste.

- Invitation to submit research proposals in the following fields:
  - waste management studies and associated research and development projects;
  - suitable activities to be carried out, in accordance with arrangements to be defined for each case, in addition to and within the framework of the three specific projects in part B of the programme.

Proposals have to be submitted by using the 'proposal form for participation in the program' and posted to the Commission not later than 15 June 1985 (the postmark being accepted as the date of dispatch).

Further information:

Mr A. CRICCHIO Comission of the European Communities Directorate-General for Science, Research and Development Rue de la Loi, 200 B - 1049 Brussels

(OJ No C 84 from 2. 4. 85)

# **Du Journal Officiel**

Communication de la Commission au sujet du programme de recherche et développement dans le domaine de la gestion et du stockage des déchets radioactifs (1985-1989)

- Invitation à soumettre ds propositions de projets dans les domaines suivants:
  - des études relatives à la gestion des déchets et des actions de recherche et développement associées;
  - des activités appropriées qui pourront être réalisées, suivant des modalités à définir cas par cas, en complément et dans le cadre des trois projets spécifiques de la partie B du programme.

Les propositions de recherche doivent être présentées sur le formulaire «Demande de participation au programme» et être envoyées à la Commission avant le 15 juin 1985 au plus tard (le cachet de la poste faisant foi).

Pour plus d'informations:

M. A. Cricchio,

Commission des Communautés européennes, Direction générale de la science, de la recherche et du développement, rue de la Loi 200, B - 1049 Bruxelles.

(J. O. No. C 84 du 2. 4. 85)

# CALENDAR

- 1) International seminar 'Electronics and Traffic on Major Roads' Paris, 4-5 Juni 1985 Contact: 19, rue de Franqueville 75775 Paris Cédex 16
- 2) Salon de l'Energie Dunkerque, 18-21 juin 1985 Contact person: Mr. J. J. MORA, Chambre de Commerce et de l'Industrie Quai Freycinet, 1 F-59383 Dunkerque Cedex tél. (28) 65 97 40

- 3) 8th International Conference 'Structural Mechanics in Reactor Technology — SMIRT Brussels, 19-23 August 1985 Contact person: Mr J. M. GIBB, CEC, Luxembourg, tel. (352) 4301 2918
- 4) Colloque Européen sur l'innovation et le transfert technologique 'AGIR 85' (Action for the Growth of Innovation and Research)
  Lille, 4 au 6 septembre 1985
  Contact person: Mr F. WALLART, Cité Scientifique
  F-58655 Villeneuve d'Ascq
  tél. (020) 470062
- 5) EC European Textile Research Symposium, Competitivity through Innovation Luxembourg, 18-19 septembre 1985 Contact person: Miss J. CANDRIES, COMITEXTIL, 24, rue Montoyer, B-1040 Bruxelles
- 6) International Symposium on Coupled Processes Affecting the Performance of a Nuclear Waste Repository Berkeley, California, September, 18-20, 1985 Contact person: Dr. C. T. TANG,

Lawrence Berkely Laboratory, University of California Berkeley, California, 94720, USA tel. (415) 486 5782

- 7) Séminaire:
  L'informatique juridique dans votre bureau Bruxelles, Septembre, 23-27, 1985 Contact person: Mrs H. BAUER-BERNET, ULB, Secrétariat 'Info-doc' C. P.
  50, ave. Franklin-D. Roosevelt B-1050 Bruxelles tel. (02) 235 7618
- 8) Conference 'Ergonomics in the ECSC Industries (1980-1985)' Luxembourg, 28-30 October 1985 Contact person: Dr. J. G. Fox, CEC, Luxembourg tel. (352) 4301 2783
- 9) International Seminar, 'The Dual Trolleybus' Brussels, 5-6 November 1985 Contact: SDR ASSOCIATED, Rue Villain XIII, 17a, B-1050 Brussels tel. (02) 647 87 80-647 35 26
- NOVOTECH, 3rd European Forum of Operators of the Transfer of Technology Lyon, 19-22 November 1985 Contact person: Mr. A CARRISSIMOUX, Brussels, tel. (02) 478 48 60
- 11) Information Symposium 'New Methods and Techniques of Coal Winning in the Coal Mines of the European Community Luxembourg, 23-25 April 1986 Contact person: Mr F. W. KINDERMANN, CEC tel. (02) 2354 394
- 12) IFIP Congress '86 10th World Computer Congress, Dublin 1-5 September 1986 Contact: Congress Secretariat IFIP Congress '86 44 Northumberland Road Ir-Dublin 4, tel. (01) 688 244

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