



LIBRARY

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SPRINT SUBMITTED TO THE COUNCIL

The 'Plan for the Transnational Development of the Supporting Infrastructure for Innovation and Technology Transfer' (the 'Plan') completes its three year experimental period at the end of this year. The experiment has had enough success for the Commission to consider that the impetus should be kept up and the experience acquired used to devise a new improved programme.

The Commission has accordingly adopted a proposal to be presented to the Council of Ministers. The new name of the programme is *SPRINT* (Strategic Programme for Innovation and Technology Transfer), in part to emphasise that, although the real problem is, in the nature of things long term, Europe has fallen behind the rest of the capitalised world and needs a boost of speed to catch up.

The reasons for the proposal are first that the initial experiment was too short to judge all the results and, while some have been undoubted successes and others have been false starts, there are some promising projects which need continued assistance; second, the access of Spain and Portugal has changed qualitatively the nature of technology transfer.

Further, there was a meeting in December 1985, at which heads of states and governments set the Community the task of strengthening the scientific foundations of European industry and promoting the development of international competitiveness.

Now that the Commission has accepted the case for *SPRINT* the next step is to put it to the Council of Ministers. The submission goes through a committee of government officials from member states and then is submitted to the Council of member state ministers.

The proposal is essentially a transition programme to allow the Commission, in collaboration with economic operators in the Member States, to table proposals for a more consistent innovation promotion programme in Europe from 1989. Innovation capacity is a decisive factor in all sectors of both 'traditional' and high-technology industry.

Five basic principles underlie the *SPRINT* Programme:

- a European infrastructure for the promotion of innovation and technology transfer represents a contribution towards the completion and efficient operation of the large internal market;
- the opening of the entire internal market to new products and services and the mutually beneficial effects of transnational cooperation in the field of innovation and technology transfer to strengthen the international competitiveness of the Community;
- the possibility, open to all Member States, of access to a European infrastructure providing support for innovation and technology transfer serves to strengthen the internal cohesion of the Community and combat regional disparities;

This Newsletter is issued by Directorate XIII—A, New Technologies and Innovation Policy, in Directorate-General "Telecommunications, Information Industries and Innovation" of the Commission of the European Communities. For more information about its contents please write, including the address label with all your correspondence, to:

Commission of the European Communities
DG XIII—A
2920 Luxembourg
call (352) 4301 extension 2918

- the principal beneficiaries of a European infrastructure providing such support are SMEs, which find it difficult to become active on a European scale unless they have access to such an infrastructure; it is precisely these firms which, owing to their flexible structure, represent the largest source of jobs in the Community and have the greatest innovation capacity, provided that they can obtain specialist advice when they need it;
- a European infrastructure for innovation and technology transfer allows R & D work in the Community to be converted more efficiently into new products and processes, thus helping to improve the employment situation and, potentially, the quality of life and the environment.

The main courses of action for SPRINT have been drawn up taking into account experience gained during the implementation of the development plan mentioned earlier, when it was found that Community action in the field of innovation can result in the expected positive results, although the full potential will never be reached unless European innovation policy — like any other infrastructure policy — is based on a long-term strategy and financed in accordance with the importance of the project and the benefits expected.

Therefore the proposals for a further five-year programme will be prepared during the two years covered by the transitional phase of SPRINT, parallel to the implementation of the main courses of action under this phase i.e.:

- development of transnational cooperation between national or regional advisory services and bodies to

the benefit of innovating firms, in particular SMEs in the Community, in order to optimize the development of such firms and create an innovation process at common-market level;

- improvement of the general innovation environment in the Community and acceleration of production and diffusion of new products, procedures and services by strengthening or supplementing existing structures and instruments;
- encouragement of consultation between the Community and the Member States in order to promote European cohesion, combat regional disparities and ensure full participation by peripheral regions;
- integration of the new Member States into current projects by means of measures designed specifically for this purpose.

For the transnational phase of SPRINT the Commission is proposing a budget of 11 million ECU. This amount, which takes account of the Community's current budgetary situation, may seem small in relation to what is at stake, but past experience shows that by fully playing out its role as a catalyst the Commission is capable of adding significantly to the value of national programmes currently in progress or under preparation in fields such as innovation.

Further details including copies of the SPRINT submission are available from DG XIII, Jean Monnet Building, Office B4/99, Plateau du Kirchberg, L-2920 Luxembourg. DG XIII would also welcome comment on the usefulness of what is proposed.

NEW SUBCOMMITTEE ON INNOVATION AND PATENTS

The role of patents in the process of Innovation and Technology Transfer is both important and many-sided. However in the context of international competitiveness it is possible to question whether this role could be put to better use in the interests of actual and potential users. The Commission has seen for some time that there is an important job to be done in the promotion of the use of patents, but so far, the Commission's role has actually been confined to an information function. This is only part of the innovative function. The latter depends not only on legalities but on practical use. The Consultative Committee on Innovation and Technology Transfer have expressed a wish that this problem should be discussed.

Accordingly a subcommittee of experts has been established. On 27 June the first meeting took place to take a first look at the role of industrial property, e.g. patents in innovation promotion. It agreed to exchange information not only on existing national laws but on others being planned. It is foreseen that in future the subcommittee may discuss means of getting researchers to consider the possibility of patenting or otherwise protecting their intellectual property early in the creative process.

The next meeting of the subcommittee is scheduled for January 1987.

MARSEILLE SEMINAR ON TRANSNATIONAL COLLABORATION BETWEEN CONSULTANTS

On October 21-22, concurrently with the PHIRAMA Technology fair, there took place in Marseille under the auspices of the Plan for the Transnational Development of the Supporting Infrastructure for Innovation and Technology Transfer the second Evaluation Seminar for participants in Action 1 of the plan.

This action supports transnational co-operation between organizations which advise small and medium enterprises on innovation and technology transfer by encouraging the creation of 'human networks' spanning

these advisory organizations and promoting exchange of information between them on business opportunities, thus increasing the transnational transfer of technology.

At the seminar, the 230 participating organizations reviewed the work done under the first cooperation projects and exchanged experiences. The subsequent discussions yielded specific suggestions which will assist the Commission in planning its future activities.

MANAGEMENT CHANGES IN DG XIII

DG XIII has a new Director General in Mr Michel Carpentier. The Directorate has been enlarged to include the former Information and Telecommunications Technology Task Force in Brussels responsible for the ESPRIT and RACE research programmes. It will now be known as Telecommunication, Information Industries and Innovation.

Two of the branches of DG XIII, A (by which this newsletter is issued) and B operate in Luxembourg under a

Deputy Director General. This is a new post. The incumbent is Señor V Parajon Collada, a Spanish national newly appointed to the Commission.

Mr John Michel Gibb, the Chairman of CIT, who has run the Innovation plan throughout its three year life, retires at the end of November.

ANNUAL PROGRESS REPORT ON THE TRANSNATIONAL INNOVATION PLAN

The first annual progress report on the 'Plan for the Transnational Development of the Supporting Infrastructure for Innovation and Technology Transfer' was published as Newsletter 43 (special) in July 1985. It is

now possible to publish the second annual report and this will be done as Newsletter 55 (special) in November 1986.

SECTORAL GRANTS

The Commission of the European Communities has recently published a 'Guide to Scientific and Technical Grants'. It describes sectoral grants to promote the training and mobility of young European scientists as well as to participate in the implementation of the Community R & D programmes.

The subjects covered are the R & D programmes managed by the Directorate-General for Science, Research and Development (DG XII/JRC) of the Commission of the E. C. In particular:

- Industrial technologies
 - reference materials and metrology
 - materials for high-temperature use
 - basic technological research and application of new technologies
- Biotechnologies
- Raw materials and other materials
- Nuclear fission energy
- Nuclear fusion energy
- Science and technology for development
- Radiation protection
- Environmental protection and climatology

The Types of award and duration are as follows: Applicants should be nationals of Community Member States. The research work must be carried out in a Community country other than the applicant's country of origin or country of permanent residence.

Category	Description	Maximum duration (months)
10	Preparation of a thesis in the final year of university	12
21	Post-university specialized field	24
22	Preparation of a doctorate (long cycle)	36
23	Preparation of a doctorate (short cycle, e. g. PhD)	24
24	Preparation of part of a doctorate (long cycle)	24

30 Post-doctoral research 24

Monthly amounts of grants

For the duration of the grant, grantees receive a monthly flat-rate-allowance depending on their category.

The basic amounts (for categories 21, 22, 23 and 24) are as follows:

ECU	1 369	DM	3 430	IRL	920
BFR	62 173	HFL	3 681	DRA	103 393
UKL	781	DKR	13 053	FF	9 492
PTA	175 724	ESC	176 080	LIT	1 768.921
				LIT (Ispra)	1 822 218

For category 10, the amounts are 0,5 x basic.

For category 30, the amounts are 1,25 x basic.

The 'Guide to Scientific and Technical Sectoral Grants' is available in all European Community languages and may be obtained upon request from the address given below.

It contains, among other things:

- the rules governing Community sectoral support to promote the mobility of European scientists by means of grant contracts
- an introduction to the R & D programmes of the European Communities under which grants may be awarded
- two application forms.

Further information and a copy of the Guide may be obtained from:

Commission of the European Communities
 Directorate-General for Science,
 Research and Development (DG XII/JRC)
 Division XII A-2 - Action 'Grants'
 200, rue de la Loi
 B - 1049 BRUSSELS
 Tel: 32/2/235.39.91 or 235.40.67

There is no closing date and applications may be submitted at any time.

Decisions to award grants are generally taken twice a year, under the sectoral R & D programmes. Applicants will be notified of the decision by the heads of the programmes and, if the application is accepted, they may begin work within three months following the decision.

COMMUNITY PROGRAMME FOR THE DEVELOPMENT OF THE SPECIALIZED INFORMATION MARKET IN EUROPE — ANNOUNCEMENT OF A CALL FOR TENDERS

Extract from the official Journal C 259 published 16 October 1986

1. In accordance with its policy to promote the supply, quality and use of European information products and services, the Commission of the European Communities, advised by the Committee for Information and Documentation on Science and Technology (CIDST), is carrying out a five-year Community programme for the development of the specialized information market in Europe (1984 to 1988). Within the framework of this programme, the Commission has identified a number of priority areas, one of which refers to materials data banks. Corresponding Community initiatives aim at increasing the transparency of the market and improving user friendliness of information products and services in this area.

2. The Commission has established a plan for the development of a European system of materials data information services. In this context, the Commission is presently implementing a demonstrator programme on materials data banks which integrates up to eleven European data banks into a pilot on-line network for the supply of engineering materials data information services. This integration requires a certain degree of data bank harmonization at different levels.

Of particular importance is the harmonization of technical terms and definitions which are used by the different data banks. For this purpose, a reference terminology is

to be developed which integrates the most important terms of each individual data bank participating in the demonstrator programme. To facilitate access to the different data banks by users in all EEC Member States, this reference terminology must, moreover, be available in all Community languages. The Commission requires the services of a contractor for the development of this multilingual reference terminology for data banks on engineering materials which participate in the demonstrator programme.

3. Competent private or public institutions who are interested in submitting a tender may receive more detailed information at the following address:

Commission of the European Communities,
Directorate General Telecommunications, Information Industries and Innovation,
DG XIII/B, Office C4/011 (Mr G. Steven),
L-2920 Luxembourg.

Applications must be submitted in one of the official Community languages.

The time limit for the remittal of tenders is fixed at eight weeks from the date of publication of this announcement. (That is, eight weeks from 16 October 1986 ie. 11 December 1986.)

“STAR” Programme for Telecommunications

The Official Journal N° L 305/1 of 31st October 1986 announced a Community programme for the development of certain less-favoured regions of the Community by improving access to advanced telecommunications services (STAR programme). The following is extracted from that announcement.

“Ireland, the Mezzogiorno, Northern Ireland, Corsica and the French overseas departments, the regions in Greece and in Portugal and certain regions in Spain have to contend with particularly serious economic problems; the level of telecommunications services, especially of advanced services intended for the productive sector in those regions, is inadequate and this shortcoming has an adverse effect on both their socio-economic situation and their development prospects.

It is necessary to promote the establishment of modern telecommunications infrastructures and the supply of, and the demand for, advanced services facilitating optimum use of those infrastructures.

To these ends a fund will be set up to participate in:

(a) Establishment of equipment to integrate the above regions into new advanced telecommunication networks by land (including submarine) systems notably those using optical fibres and by satellite

systems, to facilitate digitalization with appropriate signalling systems, transmission lines and links to final users, to provide additional capacity, to develop cellular radio infrastructures, to develop laboratories to test telecommunications material and to carry out feasibility studies;

(b) Promotion of the supply of and the demand for advanced telecommunications services by feasibility studies, demonstrations and aid to encourage SMEs to use them.

Projects, which must be submitted to the Commission by 27 April 1987, may be financed jointly by the member state concerned and the Community, whose contribution, restricted to operations related to the equipment in a manner set out in detail in the programme, will not exceed 55%.

Public authorities, local and regional authorities, other bodies, business, cooperatives and individuals may be eligible for such aid.”

Anyone interested is urged to consult the original announcement in the Official Journal and to ask DG XVI (200, rue de la Loi B-1049 BRUXELLES) for further details.

PRELIMINARY ANNOUNCEMENT AND CALL FOR PAPERS

*Le Centre d'Etudes des Systèmes et des Technologies Avancées
(CESTA), Paris*

and

*La Confederazione Italiana dei Servizi Pubblici degli Enti Locali
Comitato Regionale CISPEL Emilia-Romagna, Bologna*

announce a joint conference „CITTECH 87“

on

“LOCAL AUTHORITIES: THE CROSSROADS OF INNOVATION”

to be held in Bologna on 19,20 and 21 October 1987

This, the first European symposium on new ways of managing local economic and technological development, has the following aims:

- the compare the most significant achievements and experience in the field of local development and innovation and European centres of excellence;
- to evaluate economic and cooperation strategies in the field of geographical competition and complementarity;
- to establish contacts between economic operators, both elected and from the industrial and financial world.

The conference aims to explore how the role of local authorities is developing or should develop. As managers of a regional unit, suppliers of services to the public and consumers of industrial products, local authorities are a crossroads of economic activity. Local authority managers are in a key position to initiate and execute innovative solutions to the challenges which the authorities face.

The three day presentation will be accompanied by an exhibition of advanced urban technologies. It will be or-

ganized around workshop-debates presenting concrete experience drawn from several European countries;

The topics will include

- 1) Local authority measures to help businesses and their environment (new industrial zones, creation of services, support systems, marketing, etc.)
- 2) Local authorities as partners of innovators and of the local, national and international economy (major companies, small and medium-sized enterprises, banks, research centres, universities, etc.)
- 3) Local authority enterprise, innovation in services and the utilization of local public procurement.

Local authority management (elected representatives, technical staff and development staff) are particularly concerned, but this conference is also for private and public investors, as well as new business and suppliers of services to local authorities.

Speakers and participants will be encouraged to express their views on, and to attempt a preliminary evaluation of, current and potential innovations as regards public administration management.

CITTECH 87 — LOCAL AUTHORITIES: THE CROSSROADS OF INNOVATION

Bologna, 19, 20 and 21 October 1987

Please send me further information about CITTECH 87

— Please send me the conference programme as soon as it is published (May 1987)

— I should like to present a paper on

1

2

3

I shall send an abstract of no more than 500 words to arrive no later than 15 February 1987.

I wish to participate as an exhibitor in the section

Please return to:

Mrs Claude Marcori
CESTA
1 rue Descartes
F-75005 PARIS

Tel (1) 46 34 36 02
Telex 250795F
Fax (1) 46 34 36 81

Mr Loris Toniolo
CISPEL
Viale Berti Pichat 2/3
I-40127 BOLOGNA

Tel. (051) 23 87 38
Telex 213313 ACOSER I

PUBLICATIONS

Biomolecular Engineering in the European Community Achievements of the Research Programme (1982-1986) — Final Report

Edited by E. Magnien (Commission of the European Communities)

The biomolecular engineering research programme of the European Community ran from April 1982 to March 1986, and involved 103 costsharing research contracts between the Commission of the European Communities and public or private institutions in the Member States. The programme concentrated on five sectors:

- development of second generation bioreactors for detoxification and for industrial applications including agro-food applications,
- improved production, by means of biomolecular engineering methods, of substances for animal husbandry and for the agro-food industries,
- improvement, by means of genetic engineering, of plants and microorganisms which play an important role in agriculture,
- developments of methods for detecting contamination and for the assessment of possible risks associated with applications of biomolecular engineering in agriculture and industry.

This volume reports the results from each research contract, and includes general reviews of the achievements in each sector as well as background information on the operation of the programme.

EUR 10658 EN ISBN 90-247-3400-2

1986, VI + 1172 pp. Hfl 400 / UK£ 133.50 / US\$ 184
Published by Martinus Nijhoff Publishers (Kluwer Academic Publishers Group, Distribution Center, P.O. Box 322, 3300 AH Dordrecht, The Netherlands)

Strain Measurement at High Temperatures

Edited by R. C. Hurst (Commission of the European Communities), P. Boone (University of Ghent/Belgium), J. Bressers (Commission of the European Communities), C. F. Etienne (TNO, Apeldoorn, The Netherlands), H. Schuster (KFA, Jülich, Federal Republic of Germany) and J. A. Williams (CEGB, Marchwood, United Kingdom).

The proceedings are reported of a workshop organised by the Petten Establishment of the Commission of the European Communities' Joint Research Centre, which examined existing and novel techniques for high temperature strain measurement for both laboratory and industrial applications. Twenty papers are included, under four headings: extensometry based methods, strain gauges, optical/radiographical methods, and novel methods.

EUR 10684 EN ISBN 1-85166-056-9

1986, XIV + 242 pp. UK£ 30
Published by Elsevier Applied Science Publishers Ltd (Crown House, Linton Road, Barking, Essex IG11 8JU, England)

Evaluation of the Community's Nuclear Reactor Safety Research Programme

A. Brandstetter (Interatom GmbH, Federal Republic of Germany), J. Goedkoop (University of Leiden, The Netherlands), A. Jaumotte (University of Brussels, Belgium), G. Malhouitre (EDF, France), B. Tomkins (UKAEA, Risley, United Kingdom), and G. B. Zorzoli (ENEA, Italy)

As part of its research Revaluation programme, the Commission of the European Communities has published the report of the panel of six independent experts who evaluated the reactor safety research activities of the Commission of the European Communities carried out at the Joint Research Centre, Ispra, and under the Shared Cost Action Programme. The evaluation covers the period 1980-85.

EUR 10707 EN ISBN 92-825-6588-2

1986, CXL + 162 pp. ECU 21.70 / BFR 950 / IR£ 16.50 / UK£ 14.80 / US\$ 22

Published by the Office for Official Publications. L-2985 Luxembourg

Evaluation of the Fusion Technology and Safety Programme of the Joint Research Centre (1980-85)

M. Haines (Imperial College, London, United Kingdom), N. Cabibbo (Istituto Nazionale Fisica Nucleare, Rome, Italy), J. G. Crocker (Fusion Reactor Safety Research Programme, Idaho Falls, USA), M. Lecomte (Framatome, Paris, France), and E. Merz (KFA, Jülich, Federal Republic of Germany)

The report of the evaluation panel appointed to examine the research performed by the Joint Research Centre, Ispra, within the framework of its 1984-1987 programme covers the following research areas: reactor studies, breeding blanket technology, structural materials studies, risk assessment and tritium laboratory studies. The achievements of the 1980-83 programme were also taken into consideration.

EUR 19735 EN ISBN 92-825-6591-2

1986, LXXXVI + 51 pp. ECU 10.30 / BFR 450 / IR£ 7.80 / UK£ 7 / US\$ 10.50

Published by the Office for Official Publications of the European Communities, L-2985 Luxembourg

Methods of sampling and analysis for sulphur dioxide, oxides of nitrogen and particulate matter in the exhaust gases of large combustion plant

F. Brieda, K. Bull, K. W. Böhne (TüV-Rheinland, Federal Republic of Germany), M. Callais, T. Menard (IRCHA, France), St. C. Wallin and M. J. Woodfield (Warren Spring Laboratory, United Kingdom)

In view of the proposal to limit the emissions of SO₂, NO_x and particulates from large combustion plants, the methods for the measurement of these emissions have been studied. This report outlines the relevant existing and planned legislation in the Member States, and the measurement methods used are listed and described, together with a short comparison and evaluation of instrumentation. A survey is given of the number of existing plants including boilers, cement works, ore roasting plants and brick works which would be subject to the proposals.

EUR 10645 EN ISBN 92-825-6561-0

1986, VIII + 156 pp. ECU 11.30 / BFR 500 / IR£ 8 / UK£ / US\$ 11.50

Published by the Office for Official Publications of the European Communities, L-2985 Luxembourg

The air quality standard for SO₂ and particles (Directive 80/779/EEC) and its significance for the other main air pollutants

The aims of the study which is the subject of this report were (i) to compile information on limit and guide values set out in industrialised countries and to identify those which are actually combined ones; (ii) to review the literature on combined effects of the pollutants NO₂, SO₂ and O₃ and particulate matter on human health and the environment; (iii) to derive, if possible, non-adverse effect levels for combinations of these pollutants; (iv) to compare these combined non-adverse effect levels with values derived for the effects of single pollutants; (v) to compare the combined non-adverse effect levels with pollutant concentrations measured in ambient air, and (vi) to advise the Commission on how the findings could be incorporated into the air pollution abatement policy.

EUR 10644 EN ISBN 92-825-6507-6

1986, XIV + 221 pp. ECU 17 / BFR 750 / IR£ 12.10 / UK£ 10.90 / US\$ 17

Published by the Office for Official Publications of the European Communities, L-2985 Luxembourg

The radiological exposure of the population in the Meuse basin

This report summarizes the results of a comprehensive study of the radiological impact of radioactive releases into the Meuse basin from all sources, this river currently providing drinking water for some five million people in Belgium and the Netherlands as well as being used for irrigation and fishing. The dose assessment covered 23 pathways and 15 radionuclides. Concentrations of the latter in 30 different media were computed and compared with measured values in order to assess the importance of the contributions from the various discharge sources relative to those of primordial, cosmic and nuclear weapons fallout origin.

EUR 10670 EN ISBN 92-825-6548-3

1986, VIII + 160 pp. ECU 12.50 / BFR 550 / IR£ 8.80 / UK£ 8 / US\$ 12.50

Published by the Office for Official Publications of the European Communities, L-2985 Luxembourg

CD ROM standards

Principal Author Julie B. Schwerin President of Infotech
Describes the High Sierra Group Standard; of interest to producers and users of CD-ROM products.

Prepared for the Commission by Learned Information Ltd. Available from DG XIII B CEC, Mr Pieter van Velze.

Correction Two publishers' names were inadvertently transposed in NL 52. The notifications should have read:

Technology transfer and licensing opportunities in the energy sector

Centec Business Consultants announce the publication of the proceeding of this conference, held in Copenhagen

in November 1985 with the support of the Commission of the European Communities under the scheme for the promotion of European conferences on technology and innovation. More than 45 papers are included, on topics such as trends in licensing, utilisation of R&D results, public and private collaboration, oil, gas, bio-energy and clean technologies. Several papers describe particular experiences in technology transfer. The 500-page proceedings can be obtained from the following address, price DKR 225 (inclusive of postage and packing):

Centec Business Consultants,
Falkoner Allé 7,
DK-2000 Frederiksberg
Tel. 45-1-87 26 90.

Employment effects of energy conservation investments in EC countries

O. Hohmeyer, E. Jochem, F. Garnreiter & W. Mannsbart (Fraunhofer-Institut for Systems and Innovation research, Karlsruhe)

The economic impact of six energy conservation measures — insulation of residential buildings, district heating, heat exchangers for heat recovery, large gas heat pumps, biogas plants in agriculture and domestic solar hot water systems — in four EC states (Federal Republic of Germany, Denmark, France and the United Kingdom) is studied in this report commissioned by the Directorate-General for Energy. Generalisation of the results to cover all potential energy saving technologies and the whole of the EC, suggests that these technologies could lead to an additional 530 000 jobs by the year 2000.

EUR 10199 EN ISBN 92-825-5474-0

1985, 107 pp, BFR 350 / IR£ 5.60 / UK£ 4.70 / US\$ 7 / ECU 7.82

Published by the Office for Official Publications of the European Communities, L-2985 Luxembourg

Conference Calendar

1. Internationales Marketing und Kooperation für technologiebasierte Unternehmen
27. and 28. November 1986, Berlin
J. ALLESCH
Technologie-Vermittlungs-Agentur Berlin (TVA) e. V.
Hardenbergstraße 15
D-1000 BERLIN 12
Tel.: (030) 313 40 91
Teletex: 302 108 = tvab
2. Extrusion technology in the food industry
9-10 December, 1986 Dublin
(note change of date)
R. BROWNE
Institute for Industrial Research and Standards
Ballymun Road
IRL Dublin 9
Tel.: (01) 370101
Telex: 25449
3. ESA "Frontières et Conquete Spatiale"
13-16 January 1987, Paris
Jean SCHNEIDER
Observatoire de Paris
92190 MEUDON
France
4. ECOLE EUROPEENNE DE RHEOLOGIE
15 janvier - 6 février 1987, La Bresse
C. WOLFF
Equipe de Mécanique et de Rhéologie
Ecole Nationale Supérieure des Industries
Textiles
11, rue Alfred Werner
F-68093 MULHOUSE Cédex
Tél. (089) 424622
Télex 881913 CERMAT

5. TELEARBEIT — GEGENWART UND ZUKUNFT EINER NEUEN ARBEITSORGANISATION
 Februar 1987, Bonn
 Werner B. KORTE
 EMPIRICA
 Kaiserstraße 29-31
 D-5300 Bonn 1
 Tel. (0228) 210070/79
 Telex 5212689
6. MANAGEMENT AND NEW PRODUCTION CUSTOMS
 16-17 March 1987, Enschede
 C Karlsson
 European Institute for Advanced Studies in Management
 rue d'Egmont-straat 13
 1050 Bruxelles
7. ENVIRONMENTAL PROTECTION OF THE NORTH SEA
 24-27 March 1987, London
 Eric PORTER
 WRC Environment
 Menten Road
 Medmenham, PO Box 16
 Marlow
 Bucks UK
8. FLUX DE DONNEES ET DROIT COMMUNAUTAIRE
 1st Quarter 1987, Bruxelles
 Alain GALASKI
 Conference Office Brussels S.p.r.l.
 19, rue de l'Orme
 B-1040 BRUXELLES
 Tél. (02) 7360305/35
 Télex 61473 ECCO B
9. UTILIZATION OF GASEOUS FUELS IN INDUSTRY AND COMMERCE
 April 1987, Dublin
 Renée BROWNE
 IIRS — Institute for Industrial Research and Standards
 Ballymun Road
 IRL-DUBLIN 9
 Tel. (01) 370101
 Telex 25449
10. MICATEC '87
 May 1987, Paris or Strasbourg
 J. M. BOISSENOT
 CETIM — Centre technique des industries mécaniques
 52, Avenue Félix Lowat
 F-60300 SENLIS
 Tél. 44583266
 Télex 140006 CETIM SENLIS
11. MEETING THE CHALLENGE OF CHANGE
 Institute of Information Scientists Annual Conference
 13-16 July 1987, Warwick University UK
 S. CARTER
 Institute of Information Scientists
 44 Museum Street
 London WCI A ICU
 Tel. (01) 831 8003/8633
12. 16th INTERNATIONAL AEROSOL CONGRESS
 14-18 September 1987, Amsterdam
 M.F.A. VAN DIESSEN
 Postbus 90154
 NL-5000 LG TILBURG
 Tel. (013) 654481
 Telex 52384 VASPA NL
13. INNOVATION FOR ENERGY EFFICIENCY — THE ROLE OF THE REGIONS
 15-17 Sept 1987, Newcastle upon Tyne
 D.A. REAY
 International Research & Development Co. Ltd.
 Fossway
 UK-NEWCASTLE UPON TYNE NE6 2YD
 Tel. (091) 2650451
 Telex 537086
14. IMPACT OF AGRICULTURE ON WATER RESOURCES
 21-23 Sept. 1987, Berlin
 M. ZAMPETTI
 Commission of European Communities
 DG XI/A/2
 200 rue de la Loi
 B-1049 Bruxelles
 Tel. (02) 2351774