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NEWSLETTER

MAY 1983

21

from the Department for Scientific and Technical Communication

European Industrial Information Transfer Agencies must get together

A second meeting of representatives of European industrial information transfer (IIT) agencies was held by the Commission in Luxembourg on 21 April 1983 (a report on the first meeting held on 20 September 1982 was given in Newsletter N. 17). This time all Member States were represented, as well as the IRI international regional cooperation institute (Institut für regionalpolitische Zusammenarbeit in innergemeinschaftlichen Grenzräumen/Institut pour la Coopération Régionale dans les Régions Frontalières Intracommunautaires) and the Parliamentary Assembly of the Council of Europe. An observer from Sweden was also present.

Stock was taken of reactions received from different sources to the results of the first meeting. A clear convergence of views was noted towards the need in Europe, mooted at the first meeting, to maintain and if necessary create agencies providing a comprehensive forward-looking information service to small and medium-sized firms, notably with the aim of helping them to innovate and diversify.

An essential qualification for the effectiveness of these agencies is a thorough knowledge of the firms they have to serve. This explains why their activities are usually best limited to a particular region.

The desirability of organising permanent contacts between IIT agencies was also confirmed. Not only could they thus exchange methodological experience, as well as actual technological and economic information for the benefit of their clients, but they could do much towards promoting collaboration between enterprises belonging to different regions. The ideal partners of a particular firm, in terms of research development, marketing, etc. may indeed often be found outside its home country.

It was decided to work out immediately a blueprint for a European association or network of IIT agencies, ready

for implementation within the framework of the plan for a transnational infrastructure for innovation which the Commission has proposed to the Council of Ministers.

Call for proposals

The Commission would welcome proposals for projects for the creation of new computerized information services for public access or improvement of existing services. It is prepared to give financial assistance to a limited number of projects.

The Commission would give priority to proposals in the fields of biomedicine and health care, including biotechnology.

Financial support

Selected projects can benefit from a subsidy covering up to 25% of the development costs directly related to the projects during a maximum period of 24 months preceding commercialization, subject to a ceiling of 200 000 ECU.

How to apply

Interested persons and undertakings are invited to submit proposals to the:

Commission of the European Communities
Directorate-General Information Market
and Innovation
DG XIII-B - Office B4/006
Jean Monnet Building
Plateau du Kirchberg
Luxembourg

Applications should be submitted on a formsheet which is obtainable from this address.

The proposal, duly signed by the applicant(s), must be dispatched by registered post on or before 1 September 1983.

The complete text of the call is published in the Official Journal of the European Communities No C 121 of 6 May 1983, pages 13 and 14.

Euroarticle Project

The Euroarticle Project is the result of a cooperation between six of the major scientific periodicals in Europe (European Journals Group for Science and Technology): Endeavour (United Kingdom), Umschau in Wissenschaft und Technik (Federal Republic of Germany), La Recherche (France), Annuario della Scienza e della Tecnica (Italy), Natuur en Techniek (The Netherlands) and Technology Ireland (Ireland). These periodicals have agreed to publish a series of articles of European interest, the translation into different languages being taken care of by the Commission of the European Communities. The articles are thus given a much wider audience across European language barriers.

Publication data up to 1982 are as follows:

1978	5 subjects	16 articles published
1979	8 subjects	19 articles published
1980	4 subjects	10 articles published
1981	12 subjects	39 articles published
1982	15 subjects	45 articles published

It should be remarked that in 1982, the aggregate number of main articles published by these journals was 171 of which 45 were Euroarticles. The Euroarticle input therefore represents 26% of the total.

Project manager: Ms. L. GERLACH,
Tel. (0352) 43012922
in Luxembourg

Selected recent publications

1. The needs of new technology-based enterprises

The exploitation of new technologies and the creation of new enterprises are of vital importance to the reorganization of European industry and its competitiveness. To arrive at positive results, the entrepreneur depends on the understanding and backing of the financial world.

The proceedings include

- the full texts of papers in English,
- summaries of these papers in German, French and Italian,
- the recommendations of the working groups and general conclusions of the symposium in German, English, French and Italian.

EUR 8437 EN/FR/DE/IT

pp.: xiii + 314

price: BFr. 1.700

Order from: INFOBRIEF Luxembourg S.A.R.L., 45, rue du Chemin de Fer,
L-7226 WALFERDANGE/LUXEMBOURG

2. Performance of solar energy converters: thermal collectors and photovoltaic cells

Many applications of solar energy are possible in various fields and all are under consideration, such as solar heating of domestic hot water or the photovoltaic electricity for isolated users.

The economics of these potential uses depend upon several factors: the available solar radiation, the necessary investments, the total amount of energy which can be obtained, depending upon efficiency and the lifetime of the installations.

It is to these two latter parameters, their study evaluation, standardised measurements, that the JRC is paying attention, and all aspects of these parameters, their performances and qualifications, form the subject of this Ispra Course.

EUR 8400 EN

ISBN 90-277-1545-9

pp.: viii + 527

price: Hfl. 160

Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

3. Solar Radiation Data - Series F, Volume 2 -

This book gives a comprehensive overview of activities currently under way to produce, collect and compile radiation data as needed for the various types of solar energy applications in Europe.

The present book contains many interesting new results for the European solar energy community.

EUR 8333 EN

ISBN 90-277-1566-1

pp. xii + 305

price: Hfl. 105

Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

4. Photovoltaic Power for Europe - Series C, Volume 2 -

This report has been prepared for the Commission in order to provide an independent assessment of the potential of photovoltaics over the next twenty years, as an energy resource for Europe, as an export for European industry and as part of European aid to developing countries. The report includes a review of the future trends in prices and system sales. The social, legal and environmental implications of photovoltaic power, if implemented on a large scale, are discussed and the present position and prospects of the emerging European photovoltaic industry are reviewed. Suggestions for future research and development priorities are presented, together with proposals for a co-ordinated plan for implementing photovoltaics as a new energy resource of major significance in Europe.

EUR 8366 EN

ISBN 90-277-1556-4

pp.: xiv + 198

price: Hfl. 75

Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

5. Behaviour of joints in high temperature materials

The Symposium dealt with the behaviour of welded and brazed joints in components made from high temperature materials for high temperature operation. A panel discussion concluded this Symposium.

For convenience papers are arranged in the same order of presentation as at the Symposium, each followed by the discussion and the reporter's conclusions.

EUR 8021 EN

ISBN 0-85334-187-7

pp.: ix + 272

Price: £ 26

Order from: Applied Science Publishers, Ripple Road, BARKING, Essex (UK)

6. Analysis of high temperature materials

This book contains the proceedings of a course on „Analysis of High Temperature Materials“ organised by the Commission of the European Communities at the Joint Research Centre, Petten Establishment (NL).

This course deals with modern techniques for chemical and crystallographic analysis of solids. It provides an introduction to the major analytical techniques used in materials science and engineering today to determine chemical composition and crystallographic structure both on a macro and a micro scale, in the bulk and on the surface.

EUR 7544 EN ISBN 0-85334-172-9
pp.: x + 262
Price: £ 26
Order from: Applied Science Publishers, Ripple Road, BARKING, Essex (UK)

7. Monitoring Solar Heating Systems

Under Contract no: ES-A-P-009-UK (N) entitled „Performance Monitoring of Solar Heating Systems in Dwellings (Part II), the main aim of the Performance Monitoring Group has been to draw conclusions about the likely benefits to be gained from installing solar heating systems in different parts of the European Economic Community.

This publication aims to produce guidelines for monitoring solar heating systems to promote uniformity of approach, reliability and accuracy of results.

EUR 8005 EN ISBN 0-08-029992-X
pp.: xv + 250
Price: £ 25
Order from: Pergamon Press Ltd, Headington Hill Hall, OXFORD OX3 0BW (UK)

8. Radiation protection

The Proceedings contain all scientific contributions to the symposium: papers, poster papers, reports on poster sessions and summaries of discussions. The different contributions have been regrouped into three thematically oriented chapters:

- I. Microdosimetric Description of Radiation Interactions with Matter;
- II. Measurement and Interpretation of Radiation Action, and
- III. Employment of Microdosimetric Principles in Radiation Dosimetry and Protection.

EUR 8395 EN ISBN 92-825-3516-9
pp.: xix + 1221
Price: BFr. 2.500
Order from: Office for Official Publications of the European Communities, L-2985 LUXEMBOURG

9. Nuclear Data for Science and Technology

The scope of the Conference was decided to be similar to that of its predecessors, emphasising Nuclear Data and Neutron Physics which pertain to fission and fusion energy programmes, but considering also nuclear

data for bio-medical purposes, astrophysics and solid state research. Underlying physics, in particular the present picture of our understanding of neutron induced nuclear reactions completed this scope.

EUR 8355 EN ISBN 90-277-1506-2
pp.: xviii + 1034
Price: Hfl. 275
Order from: D. Reidel Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

10. Radionuclide Distribution and Transport in Terrestrial and Aquatic Ecosystems - A Critical Review of Data - Volume One -

The present report provides for the radiologically most important chemical elements not only a review of data but also recommendations on the models and parameter values to be used in various circumstances. Moreover, it draws not only on information available from nuclear fall-out and radioactive tracer studies, the more usual sources of information for those concerned with radiological problems, but also makes maximum use of data drawn from studies of stable element behaviour.

EUR 8115 EN For Volume 1. ISBN 90-6191-278-4
pp.: xv + 496
Price: Hfl. 120
Order from: A.A. BALKEMA, P.O. Box 1675, 3000 BR ROTTERDAM (NL)

11. Radionuclide Distribution and Transport in Terrestrial and Aquatic Ecosystems - A Critical Review of Data - Volume Two -

This volume contains reviews for a range of major activation products, viz. chromium, manganese, iron, cobalt, nickel, zinc, molybdenum, silver and cadmium. These reviews contain information published before December 1980, but, where significant new information has become available since that date it has been included as footnotes to the relevant sections.

EUR 8115 EN For Volume 2. ISBN 90-6191-279-2
pp.: xi + 500
Price: Hfl. 120
Order from: A.A. BALKEMA, P.O. Box 1675, 3000 BR ROTTERDAM (NL)

12. Radionuclide Distribution and Transport in Terrestrial and Aquatic Ecosystems - A Critical Review of Data - Volume Three -

This volume contains reviews for a number of activation or fission products which are either major metabolites or which interact strongly with major metabolites, viz. sodium, sulphur, chlorine, selenium, bromine, technetium, tin, antimony, tellurium and iodine. These reviews contain information published before December 1981, but, where significant new information has become available since that date, it has been included as footnotes to the relevant sections.

EUR 8115 EN For Volume 3. ISBN 90-6191-280-6
pp.: xi + 372
Price: Hfl. 120
Order from: A. A. BALKEMA, P.O. Box 1675, 3000 BR ROTTERDAM (NL)

CONFERENCES AND SYMPOSIA

1983

1. 3rd Symposium on analysis of micropollutants in water
19-21 September 1983, OSLO
Mr G. ANGELETTI
DG XII/GI
Commission of the European Communities
8, Square de Meeûs
B-1049 BRUXELLES
Tel. 235 84 32
2. 3rd International symposium on processing and use of sewage sludge
27-29 September 1983, BRIGHTON (UK)
Mr P. L'HERMITE
DG XII/GI
Commission of the European Communities
8, Square de Meeûs
B-1049 BRUXELLES
Tel. 235 51 63
3. Testing and evaluation of low and medium radioactive and alpha-bearing waste forms
28-29 September 1983, GEEL (NL)
Mr W. KRISCHER
DG XII/DI
Commission of the European Communities
8, Square de Meeûs
B-1049 BRUXELLES
Tel. 235 54 71
4. Conférence sur la Télé-informatique (Actions COST 11 bis)
3-6 October 1983, VARESE (Italie)
Mr KALIN
DG III
Joint Research Centre ISPRA
IT-VARESE
5. 5th Photovoltaic solar energy conference
17-22 October 1983, ATHENS (Greece)
Mr D. NICOLAY
DG XIII/A2
Commission of the European Communities
Jean Monnet Building
PO Box. 1907
L-2920 LUXEMBOURG
Tel. 430129446
6. Symposium Health Service Market in Europe
17-19 October 1983, LUXEMBOURG
Mr R. RAPPARINI
DG XIII/A2
Commission of the European Communities
Jean Monnet Building
PO Box 1907
L-2920 LUXEMBOURG
Tel. 43012780
7. Journée d'information charbon
10-11 November 1983, Luxembourg
CREUSEMENT DES GALERIES
Mr P.P. ROTONDO
DG XIII
Commission of the European Communities
Jean Monnet Building
PO Box 1907
L-2920 LUXEMBOURG
Tel. 43013166
8. 4th European Symposium on the financing of innovation
Developping Capital Markets for the Regeneration of Industry
23-25 November 1983, LUXEMBOURG
Mr J.M. GIBB
DG XIII/A2
Commission of the European Communities
Jean Monnet Building
PO Box 1907
L-2920 LUXEMBOURG
Tel. 43012918
9. 3rd International Seminar on the Results of EC Geothermal Energy Research: European Geothermal Update
29 November - 1 December 1983, MUNCHEN
Mr. G. GERINI
DG XVII/E2
Commission of the European Communities
10, rue Guimard
B-1049 BRUXELLES
Tel. 235 12 16/235 35 48

1984

10. 1st EC Conference on solar heating
30 April - 4 May 1984, AMSTERDAM (NL)
Mr W. PALZ
DG XII/E2
Commission of the European Communities
8, Square de Meeûs
B-1049 BRUXELLES
Tel. 235 69 22/235 71 24
11. Seminar Anaerobic Digestion and Carbohydrate Hydrolysis of Waste
8-11 May 1984, LUXEMBOURG
Mr G. FERRERO
DG XII/G2
Commission of the European Communities
8, Square de Meeûs
B-1049 BRUXELLES
Tel. 235 79 72/235 79 79

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