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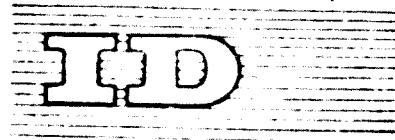
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United Nations Industrial Development Organization

UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION
14 November 1969
ORIGINAL: ENGLISH

Expert Group on Fermentation in the
Manufacture of Industrial Chemicals
Vienna, 1 - 5 December 1969

PROGRAMME OF WORK

Monday, 1 December 1969:

09:00-10:00

Morning Session

Registration of participants and observers
Distribution of documents

10:00-10:45

Formal opening of the meeting
Election of Chairman, Vice-Chairman and
Rapporteur
Adoption of agenda

Break

11:15-11:30

Introductory Remarks

C.S. Dreyer

UNIDO STAFF

11:30-12:00

Art History of Austrian Fermentation
Industrial Technology

J. Wenzl

AUSTRIA

Afternoon Session

14:30-15:00

Fermentation and Waste Disposal

H.A. Stams

UNIDO STAFF

15:00-15:30

Discussion of above paper

Break

16:00-16:30

Manufacture of Industrial Chemicals by
Fermentation: Industrial Alcohol; Organic
Solvents (acetone, butanol, glycerol); Organic
Acids (acetic acid, citric acid), Microbial
Insecticides, etc.

F. Wagner

FRG

We regret that some of the pages in the microfiche copy of this report may not be up to the proper legibility standards, even though the best possible copy was used for preparing the master fiche.

16:30-17:00

Discussion on above paper

Tuesday, 2 December 1969:

Morning Session

09:00-10:00

Micro-organisms and their role in Fermentation

C. J. Reynolds

USA

10:00-10:30

Discussion on above paper

Break

10:30-11:00

A talk on "Use of Radiation in the Genetic Improvement of Industrial Micro-organisms"

I. Kaur

INDIA

11:00-11:30

Problems of Culture Improvement in Industrial Microbiology

C. A. Coling

UK

11:30-12:00

Discussion of above paper

AFTERNOON SESSION

14:30-15:00

Fermentation Plant and Equipment

E. L. Rogers, Jr.

USA

15:00-15:30

Discussion on above paper

Break

16:00-16:30

Energetic and Kinetic Aspects of Industrial Fermentation

J. Horvath

AUSTRIA

16:30-17:00

Discussion on above paper

Wednesday, 3 December 1969:

Morning Session

09:30-10:00

Fermentation processes employed in the Pharmaceutical Industries and their Economic Aspects

I. Horvath

HUNGARY

10:00-10:30

Discussion on above paper

Break

11:00-11:30

Microbial production of Therapeutic Agents

C. Verma

CANADA

11:30-12:00

Discussion on above paper

Afternoon Session

14:30-15:00 Metal Recovery from Low-grade Ores, Sulphur Recovery from Gypsum

J.V. Beck USA

15:00-15:30 Discussion on above paper

Break

16:00-16:30 Use of Water-Insoluble Enzyme Derivatives in Synthesis and Separation

L. Goldstein ISRAEL

16:30-17:00 Discussion on above paper

Thursday, 4 December 1969

Morning Session

09:30-10:00 Nutritional Supplements: Vitamins, Amino Acids, and Flavoring Agents

E.L. Fennell USA

10:00-10:30 Discussion on above paper

Break

11:00-12:00 General discussion on conclusions, specific problems arising from session, adoption of procedure for the preparation of the report Working Group Report, report of the Rapporteur, etc.

Reported by J. Heyraud AUSTRIA

Afternoon Session

14:30-17:30 Plant and animal identification plants of the Technical Institute of the Textile Industry, Sintering and Dyestuffs, 101, Vienna.

Friday, 5 December 1969

Morning Session

09:30-12:00 Preparation of recommendations for the report

Afternoon Session

14:30-17:00 Adoption of recommendations, closing of meeting.





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