



Mankind and Energy: Needs - Resources - Hopes



Programme

Introduction (A. Blanc-Lapierre)

Overview and current status

Energy and Society – Evolution and current problems (J. Couture)

Fossil fuels and prospects

Introduction (C.L. Wilson)

The future of conventional oil in the world energy outlook: the case of developing countries (P. Desprairies)

The world-wide prospects of non-conventional oil and natural gas (H.K. Schneider, D. Schmitt)

The role of coal in the future (C.L. Wilson)

Management and basic resources content of energy

Basic resources content of energy (L. Paris)

Production, transmission, storage and distribution of electric power – an integrated system (A.M. Angelini)

Nuclear energy

Introduction (J. Teillac)

A perspective on current reactor technologies (C. Starr, C. Braun)

Nuclear energy: resources and outlook (J. Teillac)

Nuclear energy: social, economic and political implications (C. Salvetti)

Energy for the future (J. Pasztor)

Energy and environment

Energy and environment (G. Puppi)

Energy and health (G.B. Marini-Bettòlo)

Solar energy

Introduction (G. Porter)

Thermal conversion of solar energy (H. Tabor)

Direct generation of electricity from solar energy (R. van Overstraeten)

Biomass: Solar energy through biology-fuels now and in the future (D.O. Hall)

Energy alternatives from agriculture (J. Döbereiner, J. Silva Araujo Neto, D.O. Arkcoll)

Discussion on energy as political factor

Energy policies in developing countries

Energy and economic development in Latin America (G.R. Elizarraras, G. Sanchez)

Man in search of energy in developing countries (L. Konan)

Energy requirements for India: a system approach (J.K. Parikh)

Role of energy in the life of mankind: lifestyles and distributive justice (M. Perez-Guerrero)

Prospects and general discussion

Stability considerations on world energy modeling (W. Sassin)

A low energy growth scenario for the year 2030 (U. Colombo, O. Bernardini)

Changeover Harginber data: is a low energy consumption “communication civilization” in the offing? (A. Danzin)

Energy and the long-term prospects for the international system (J. Lesourne)

Energy for the future (J. Pasztor)

Energy and happiness (L. Leprince-Ringuet)

Elements for an ethical approach to energy issues (Rev. P. Laurent)