



## 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)