



## 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)

**Participants**

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