

UNITED NATIONS EDUCATIONAL,  
SCIENTIFIC AND CULTURAL ORGANIZATION

**Round-table in commemoration of Niels Bohr Centenary**

Niels Bohr - A survey of some of his contributions  
to science and international co-operation

Unesco House, Room VIII, 28-29 November 1985

**PROVISIONAL PROGRAMME**

Thursday, 28 November

10.00	Professor A. KADDOURA Assistant Director-General for Science	Opening address
10.20	Professor Gerald HOLTON	Niels Bohr on the Integrity of Science
10.40	Professor Yuri V. NOVOZHILOV	Niels Bohr and the Spirit of Co-operation
11.00	Academician K. ALEXANDER	Niels Bohr and Problems of Peaceful Coexistence in the Atomic Age
11.20	Discussion	
11.30	<i>Coffee break</i>	
11.50	Professor H.B.G. CASIMIR	Niels Bohr and His Ideas on Heredity
12.10	Professor Emeritus Mario SCHENBERG	Niels Bohr and the Twentieth Century
12.30	Professor MALU wa KALENGA	Bohr, Physics and Third World Development: The need and feasibility of a new scientific paradigm
12.50	Discussion	
13.00 - 15.00	<i>Lunch</i>	
15.00	Professor Raymond DAUDEL	Niels Bohr et la Structure des Atomes
15.20	Professor D.A. AKYEAMPONG	The State of Physics Seventy Years after the Bohr-Rutherford Atom
15.40	Professor Arthur I. MILLER	On the Roots of Complementarity
16.00	Discussion	
16.15	<i>Coffee break</i>	

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| 16.45 | Professor Moshe FLATO   | Niels Bohr's Copenhagen Interpretation<br>of Quantum vs. Classical Physics:<br>Old and New Aspects |
| 17.05 | Professor Ning HU   | Influence of Niels Bohr on New<br>Approaches in Scientific Research                                |
| 17.25 | Professor B. UDGAONKAR  |  |
| 17.45 | Discussion  |  |
| 18.00 | <i>Reception given by Assistant Director-General for Science<br/>Salle Lowendal, Unesco Restaurant, 7th floor</i> |  |

Friday, 29 November

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|-------|--|---|
| 10.00 | Professor Edoardo AMALDI   | Niels Bohr and the Early History of CERN                          |
| 10.20 | Professor A.P. FRENCH  | The Niels Bohr Institute as an<br>International Centre of Physics |
| 10.40 | Discussion   |   |
| 11.00 | Closing remarks  |   |
| 11.10 | Coffee break   |   |
| 11.30 | <i>Projection of Film on Niels Bohr and His Life (Cinema Room)</i> |   |



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PROVISIONAL LIST OF PARTICIPANTS

1. Members of the Consultative Committee

Title of Presentation

Professor Edoardo AMALDI  
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Niels Bohr and the Early History  
of CERN

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Niels Bohr and His Ideas on Heredity

Professor Raymond DAUDEL  
President, European Academy  
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Niels Bohr et la Structure des Atomes

Professor A.P. FRENCH  
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The Niels Bohr Institute as an  
International Centre of Physics

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Niels Bohr on the Integrity of Science

Professor MALU wa KALENGA  
Commissaire Général à l'Energie Atomique  
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Bohr, Physics and Third World Development:  
The need and feasibility of a new  
scientific paradigm

.../...

Professor Yuri V. NOVOZHILOV  
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Niels Bohr and the Spirit of Co-operation

Professor Emeritus Mario SCHENBERG  
Instituto de Fisica  
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Niels Bohr and the Twentieth Century

2. Other scientists invited

Professor D.A. AKYEAMPONG  
Department of Mathematics  
University of Ghana  
Legon, Accra  
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The State of Physics Seventy Years  
after the Bohr-Rutherford Atom

Academician Prof. K. ALEXANDER  
Director  
Central Institute for Electron Physics  
c/o Academy of Sciences of the GDR  
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Niels Bohr and Problems of Peaceful  
Coexistence in the Atomic Age

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Niels Bohr's Copenhagen Interpretation  
of Quantum vs. Classical Physics:  
Old and New Aspects

Professor Ning HU  
Institute of Theoretical Physics  
Peking University  
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P.R. of China

Influence of Niels Bohr's New  
Approach to Scientific Research

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On the Roots of Complementarity

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**LIST OF DOCUMENTS**

SC-85/CONF.811/1	Provisional Programme
SC-85/CONF.811/2	List of Documents
SC-85/CONF.811/3/Rev.6	Provisional List of Participants
SC-85/CONF.811/4	The Niels Bohr Institute as an International Centre of Physics by Prof. A. P. FRENCH
SC-85/CONF.811/5	Niels Bohr and the Early History of CERN by Prof. Edoardo AMALDI
SC-85/CONF.811/6	Niels Bohr and the Integrity of Science by Prof. Gerald HOLTON
SC-85/CONF.811/7	Niels Bohr and the Spirit of Co-operation by Prof. Yuri V. NOVOZHILOV
SC-85/CONF.811/8	Niels Bohr and the Problem of Peaceful Coexistence in the Atomic Age by Academician Prof. K. ALEXANDER
SC-85/CONF.811/9	Bohr, Physics and Third World Development: The need and feasibility of a new scientific paradigm by Prof. MALU wa KALENGA
SC-85/CONF.811/10	Influence of Niels Bohr's New Approach to Scientific Research by Prof. Ning HU
SC-85/CONF.811/11	Niels Bohr and the Twentieth Century by Mario SCHONBERG
SC-85/CONF.811/12	Niels Bohr et la Structure des Atomes by Prof. Raymond DAUDEL
SC-85/CONF.811/13	Niels Bohr's Internationalization of Science and the Copenhagen Interpretation by Prof. Arthur I. MILLER
SC-85/CONF.811/14	The Structure of Matter Seventy Years after the Bohr-Rutherford Atom by Prof. D.A. AKYEAMPONG
SC-85/CONF.811/15	Niels Bohr's Copenhagen Interpretation of Quantum vs. Classical Physics: Old and New Aspects by Prof. Moshe FLATO
SC-85/CONF.811/16	Niels Bohr and Genetics by Prof. H.B.G. CASIMIR
SC-85/CONF.811/17	Open World - A Vision Revisited by Prof. B. M. UDGAONKAR