

International Launch IYC UNESCO, 27-28 January 2011

Provisional Programme

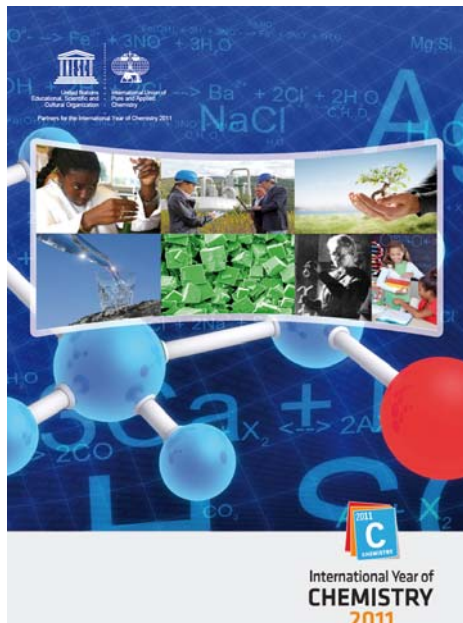
UNESCO HQ

Room I

Master of Ceremonies: Gretchen Kalonji, Assistant Director-General, Natural Sciences, UNESCO

Thursday 27 January 2011

10.00-11.00	Official Welcome Inauguration by UNESCO Director-General, ministers and important personalities 1- Opening <i>Mrs Irina Bokova</i> , UNESCO Director-General 2- International Year of Chemistry: Vision and goals <i>Prof Nicole Moreau</i> , President, International Union of Pure and Applied Chemistry 3- Short remarks and greetings by ministers and personalities
11.00-11.30	1. Introduction From Matter to Life : Chemistry! <i>Prof Jean-Marie Lehn</i> , Nobel Prize in Chemistry, 1987
11.35-12.40	2. Chemistry and the progress of civilisation
11.35-12.05	From the beginning of times up to the 18 th Century : the example of China <i>Prof Zhigang Shuai</i> , Professor of Physical Chemistry Tsinghua University, Beijing, and Chinese Chemical Society
12.10-12.40	From the 18th Century until today : great names, great steps <i>Dr Thomas T. Tritton</i> , President of the Chemical Heritage Foundation
12.40-14.10	Lunch break
14.10-15.30	3. Women in Chemistry
14.10-14.40	Marie Sklodowska Curie, a woman scientist disproving the myth <i>Prof Hélène Langevin-Joliot</i> , Director of Research, CNRS, Marie Sklodowska Curie's grand daughter
14.45-15.15	The amazing ribosome, its tiny enemies and hints about its origin <i>Prof Ada Yonath</i> , L'OREAL-UNESCO Award for Women in Science 2008, Nobel Prize in Chemistry 2009
15.20-15.30	Highlights of the global "Women Sharing a Chemical Moment in Time" initiative
15.30-16.00	Coffee break
16.00-18.00	4. Global trends and perspectives: Chemistry and Sustainable Development
	a) Introduction
16.00-16.30	Chemistry – solutions for global challenges <i>Dr Hans-Ulrich Engel</i> , Board of Executive Directors, BASF
	b) Environment and climate
16.35-17.05	Setting the scene : climate change <i>Dr Rajendra K. Pachauri</i> , Director of IPCC, Peace Nobel Prize
17.10-17.40	Protecting our planet : the role of chemistry in creating a sustainable future <i>Dr Andrew N. Liveris</i> , Chairman Dow Chemicals
17.40-17.45	Message for IYC, Mr. Maxim Volkov, CEO, PhosAgro
17.45-17.55	Launch of the film "Chemistry – All about you" by EPCA-UNESCO-IUPAC
17.55-18.05	Opening of the Chemistry Laureates photo exhibition
18.05-19.00	Discover the Exhibition
19.30	Cocktail



Friday 28 January 2011

Master of Ceremonies: Terry Renner, Executive Director, IUPAC

09.00-11.25 4. Global trends and perspectives: Chemistry and Sustainable Development (continued)

c) Nutrition and Water

09.00-9.30 **Where we are today : nutrition** *Prof Anna Lartey, President-Elect, International Union of Nutritional Sciences(IUNS), Associate Professor, Department of Nutrition and Food Science University of Ghana Legon*

09.35-10.05 **Agriculture, crop solutions, water and food production**

Dr Gerardo M. Ramos Tombo, Head of Development, Syngenta

10.10-10.40 **Water resources in the Middle East : Conventional or non-conventional – Who will win?**

Dr Muhammad Al Rashed, Director of the Water Resources Division, Kuwait Institute for Scientific Research

10.40 **Announcement of the Global Experiment: “Water – A Chemical Solution” (at booth)**

10.40-11.15

Coffee break

d) Health

11.15-11.45 **Health and Disease : major global challenges** *Prof Marcel Tanner Professor, Swiss Tropical & Public Health Institute, Basel and University of Basel*

11.50-12.20 **Contribution of industry to global health** *Dr Dave Allen Senior Vice President, Drug Discovery, GlaxoSmithKline R&D*

12.30-13.00 **Presentation at NASA Stand in Exhibition Hall, Jack Kaye**

12.20-13.50

Lunch break

e) Energy

13.50-14.20 **Chemistry, a science at the heart of energy solutions for the future** *Prof Bernard Bigot, General Administrator of the French Alternative Energies and Atomic Energy Commission (CEA)*

f) Materials

14.30-15.00 **Achievements and perspectives in the creation of new materials** *Academician Serguei M. Aldoshin, Vice-President of the Russian Academy of Sciences*

15.05-15.35 **Chemistry and the materials of tomorrow**
Mr Thierry Le Hénaff, Chairman and CEO, Arkema

15.35-16.05

Coffee break

g) Economical and social aspects

16.05-16.25 **Sustainable development: new responsibilities for industries** *Ms Nicole Notat, CEO of Vigeo, Agency for Social Responsibility Assessment - Sustainable Development*

16.25 – 18.25 **Panel : Chemistry’s impact: employment, the economy, society**
with the participation of academicians, politicians, industrial people and European Commissioner.

18.25 – 18.30 **Closing remarks** *Ms Gretchen Kalonji, Assistant Director-General, Natural Sciences, UNESCO*

18.30-19.00

Concert: “Chemical notes”

19.00

Cocktail (UNESCO Fontenoy, 7th Floor, Canteen)