

October 30 and 31, 2008  
Centro Argentino de Ingenieros  
Cerrito 1250 - Buenos Aires - República Argentina

# IANAS Workshop

"Toward a sustainable energy future"

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"Toward a sustainable energy future"



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Exact, Physical and Natural Sciences

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InterAcademy Council





## PROGRAMME

### OCTOBER 30

- 08:30 - 09:00**    **Opening Ceremony**  
 Eduardo Charreau    ANCEFN President  
 Hernan Chaimovich    IANAS Co-Chair  
 Lino Barañao    National Minister of S&T and Productive Innovation (ARGENTINA)
- 09:00 - 10:00**    **Invited Lecture** José Goldemberg  
 "Lighting the Way: Toward a Sustainable Energy Future"
- 10:00 - 10:30**    **Coffee Break**
- 10:30 - 12:30**    **Roundtable 1 "Basic Energy Needs of Low-Income Populations: Sustainable Solutions"**  
  
**Chair:** Mario A. Wiegers  
**Rapporteurs:** Anthony Clayton and Jean Errol Morose  
  
 Anthony Clayton  
 Eduardo Guerra  
 Ivan Azurdia -Bravo  
 Xiaoping Wang
- 12:30 - 13:30**    **Lunch**
- 13:30 - 15:30**    **Roundtable 2 "Energy Efficiency and Climate Change. Concerted Efforts to Improve Energy Efficiency and Reduce Carbon Intensity in the World Economy."**  
  
**Chair:** Eduardo Bobillo  
**Rapporteur:** Abel González and John Millhone  
  
 Abel González  
 Alejandro Fros  
 Pedro Mulás  
 Roberto Callarotti
- 15:30 - 16:00**    **Coffee Break**
- 16:00 - 18:00**    **Roundtable 3 "Renewable Energies for Transportation and Electricity, and Energy Storage Technologies"**  
  
**Chair:** Eduardo Pedace  
**Rapporteurs:** Humberto Rodríguez and Manfred Horn  
  
 David Nieva Gómez  
 Isaías Macedo  
 John Millhone  
 Jorge Karacsonyi

### OCTOBER 31

- 08:30 - 09:30**    **Invited Lecture** Jonathan Coony  
 "Commercializing Advanced Energy Technologies for Developing Countries"
- 09:30 - 10:00**    **Coffee Break**
- 10:00 - 12:00**    **Roundtable 4 "The Role of the S&T Community in Advancing Sustainable Energy Solutions."**  
  
**Chair:** Dato Lee  
**Rapporteurs:** Mario Alberto Arrastía Ávila and Patricia Taboada-Serrano  
  
 Benjamín Sharifker  
 Carlos Henrique de Brito Cruz  
 Claudio Estrada Gasca  
 Margaret McCuaig-Johnston
- 12:00 - 13:30**    **Lunch**
- 13:30 - 15:00**    **Parallel Sessions based on the 4 Roundtables**  
**Chairs:** rapporteurs of the roundtables
- 15:00 - 17:00**    **Rapporteur Session**  
**Chair:** Eduardo Charreau and Hernan Chaimovich
- 17:00**    **Closing Ceremony**  
 Eduardo Charreau    ANCEFN President  
 Hernan Chaimovich    IANAS Co-Chair  
 Guillermo H. Venturuzzi    Under-Secretary National Minister of S&T and Productive Innovation (ARGENTINA)

### Objectives:

The association of the science academies of the world, the InterAcademy Panel - IAP, has for the past decade worked to strengthen the role of academies of science as national and global service organizations. In particular, they have been increasing their role in providing independent, science-based inputs relevant to policy decisions. An operating arm of this association, the InterAcademy Council- IAC, has been established to provide in-depth studies on major global challenges. The IAC has produced a report on how the world can move toward a sustainable energy future ([www.interacademycouncil.net](http://www.interacademycouncil.net)).

The IAP subgroup for the Americas (the InterAmerican Network of Academies of Sciences - IANAS) will hold a workshop to address how a sustainable energy future can be implemented in the Americas. The workshop will bring together the science and engineering community with government and private sector experts and policy makers.

### Goals:

The workshop will discuss the recommendations from the IAC report in the context of IANAS countries and will address action plans and timeliness for their implementation.

The workshop will focus on the energy challenges of the countries of IANAS member academies. The goals are:

1. To discuss, for those countries, policy priorities for sustainable energy and environmental protection, especially for efficiency in the use of existing resources, and for the development of new sources of energy;
2. To consider how decision-makers might adopt stepwise programs of near- and long-term measures to implement the energy policy;
3. To discuss integration and synergy of local actions and coordination among the countries of IANAS member academies.