



**The International Network of Engineers and Scientists for Global Responsibility (INES)  
Universidad Nacional Autónoma de México (UNAM)**

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**INES-UNAM conference: "Science, peace and sustainability"  
Mexico City and Oaxtepec/ Mexico  
February 29 - March 3, 2008**

The International Network of Engineers and Scientists (INES) is an independent non-profit-organisation, founded in Berlin in 1991, which is interested in the impact of science and technology on our society. Through the meeting "Science, Peace and Sustainability", INES is seeking to facilitate contact among concerned scientists and researchers from Mexico, Central and Latin America. This meeting will be held in the Campus of UNAM (Mexico City) and IMSS-Oaxtepec Convention Centre (Morelos, Mexico).

INES has been involved in the discourse of sustainability, science and peace for a long time, with a long-standing tradition initiating or participating in this discourse, e.g. at the INES conferences in Amsterdam (1996), Stockholm (2000) or through the INES activities at the World Summit on Sustainable Development (WSSD) in Johannesburg (2002).

**Purpose of the Meeting**

The debate about science for sustainability and peace has been broad, international and trans-disciplinary so far, but still exhibits a number of blind spots. With this meeting, INES intends to reveal some of these blind spots.

**Science, Peace and Sustainability**

Whereas it is often scientific paradigms that shape our perception of the world, the way we manage world affairs happens mainly through technological structures, i.e. through a combination of scientific and engineering knowledge. Engineering is a closely interrelated but independ-

ent institutional structure to science, and a paradigm shift is as necessary here, as it is in the scientific community.

Given the fact that sustainable science understands itself as problem solving discipline, science, engineering and design are competing for the role of the best problem solver, a competition that needs to be made fruitful for sustainable development.

The high relevance of military research should be an essential part in the discussion of science for sustainability. INES is an active part in the scientific and civil society coalition for abolishing nuclear weapons.

### **Lectures**

- Science, education and social responsibility
- Militarization and spreading of nuclear weapons: the persistent threats.
- Climate Change and environmental issues
- The paradigm of sustainability
- Perspectives of Central and Latin America.

### **Challenges of the Meeting**

This will be the first INES meeting in Latin America, a continent with great social and scientific tradition. Dramatic and deep changes of societies are happening already. New ways of solving the great social and ecological problems of hunger and biodiversity, as well as independence and new social structures. These changes raise questions of peace in and between societies and, particularly, about the role of science and technologies in such a process.

## **Program**

### **Friday, February 29, 2008 (Mexico City)**

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#### **16:00 Opening**

National Library, Campus of the National Autonomous University of Mexico (UNAM), Mexico City

#### **Science peace and sustainability**

- José Narro Robles, Rector of UNAM
- David Krieger, Chair of the INES Executive Committee and President of the Nuclear Age Peace Foundation (NAPF)

#### **Public lectures**

#### **Challenges for inevitable global and regional changes in society due to peace, science and technology developments**

- Sir Harold Kroto, Nobel Price Laureate, Florida St. University, USA

## **Views of responsible science**

- Elena Alvarez Buylla, Institute of Ecology, UNAM ; Union of Scientists Committed to Society (UCCS)

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## **Discussion**

**Transfer of conference participants** to the IMSS conference centre in Oaxtepec

## **Saturday, March 1, 2008 (Oaxtepec)**

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### **10:00 Welcome**

- Alberto Salazar Martinez, UNAM; Member of the INES Council
- Reiner Braun INES Activities Coordinator

### **10:30 - 13:00 Plenary**

#### **Introduction lectures to the four workshops**

1. Raul Montenegro, Alternative Nobel Laureate, Argentina
2. David Krieger, INES and NAPF, USA
3. Jürgen Scheffran, University of Illinois, USA /Germany
4. Omar Masera Cerutti, Centre of Research in Ecosystems, UNAM; Pugwash Mexico; member of the IPCC, Mexico

13.00 - 15.00 Lunch

### **15.00 - 17.30 Workshop**

#### **1. Globalisation and challenge for both: the responsible use of science and the role of scientists.**

Chair

- Jean-Paul Lainé, member of the INES Executive Committee; Syndikat National de l' Enseignement Superieur (SNESUP) France

Experts:

- Raul Montenegro
- Jürgen Scheffran
- Mauricio Fortes Besprosvany, UNAM, consultant to OECD
- Marcelino Perello, Faculty of Sciences, UNAM,

17.30 – 18:00 coffee break

## **18.0 - 20.00 Workshop**

### **2. Militarization and nuclear weapons: the persistent threat to Human security.**

#### Chair

- Reiner Braun, INES

#### Experts

- David Krieger, INES and NAPF

20.00 Dinner

Evening: "World café" or other event

## **Sunday, March 2, 2008 (Oaxtepec)**

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### **9:30 - 11:30 Workshop**

#### **3. Environment, global warming and the survival of humans in a liveable world: new challenges for science and research**

#### Chair

- Gabriele Krauskopf, INES Executive Secretary, Germany

#### Experts

- Amparo Martinez, Centre of Atmospheric studies, UNAM, Mexico
- Jürgen Scheffran
- Enrique Leff Zimmerman, UNEP
- Omar Masera Cerutti
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11.30 - 12:00 coffee break

### **12:00 - 14.00 Workshop**

#### **4. New ecological and economical strategies: the concepts of sustainability and there need for the developing countries**

Chair: Alberto Salazar Martinez

#### Experts

- Raul Montenegro
- Raul Garcia Barrios, UNAM, Regional Centre of Multidisciplinary Research (CRIM)
- Reiner Braun

Lunch 14:00 – 16:00

## **16:00 - 18.00 Plenary discussion**

**Latin and Central America - a continent of immense social and political change. What impulse can give it to the world? The rise of alternatives for a social and ecological development in contrast to the neo-liberal economic trend.**

### Introduction

- Heinz Dietrich, Universidad Autónoma Metropolitana, UAM

### Discussion

- Victor Toledo Manzur, UNAM
- Raul Montenegro
- Marcelino Perello
- Enrique Leff Zimmerman

### Moderator

- Reiner Braun

18:00 Coffee break

## **18:30 - 20:30 Final Plenary**

Résumé and results of the workshops and the plenary discussion

- Jean-Paul Laine
- Omar Masera Cerutti

20:30 Dinner

## **Monday, March 3, 2008 (Mexico City)**

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9.30 Transfer from Oaxtepec to UNAM / Mexico City

## **12:00 – 14:00 Plenary**

Faculty of Sciences / Campus of the UNAM, Mexico City

## **A sustainable world of justice, without war - a view from responsible scientists**

### Introduction

- Ramon Peralta-Fabi, Director of Faculty of Sciences, UNAM
- David Krieger, INES and NAPF

### Panel

- Jean-Paul Laine
- Enrique Leff Zimmerman
- Reiner Braun
- Marcelino Perello

### Moderator

- Alberto Salazar Martinez
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This second public event will integrate the many ideas and discussions from the meetings in the previous days, and will set up a discourse, possibly a proposal coming from INES-UNAM community, or an announcement of a joint INES project in order to face some of the most crucial global changes.

**14:00 Close**

### **Logistic information**

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The conference language is English.

The costs for the participation in the workshop (Friday evening to Monday morning) in the IMSS Centre in Oaxtepec (accommodation and food) is

- a) Youth hostel: 900,- Mexican Pesos (55,- Euro / 80,- US \$)
- b) Shared house (single or double rooms): 2000,- MXP (125,- Euro / 185,- US\$)
- c) Hotel (4 star) single room (suitable as double): 2800,- MXP (175,- Euro / 260,- US\$)

Reduction for students or other people on request: 600,- Pesos (35,- Euro (/ 55,- US\$).  
To apply for a reduction please contact the INES office or Alberto S. Martinez before the conference.

Transportation from Mexico City to Oaxtepec and back will be organised but participants are expected to cover the travel costs.

### **Registration**

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Please fill in the registration form below and send it back to : [ines.office@web.de](mailto:ines.office@web.de) or fax it to the INES office: 0049 (0) 30 20 65 38 37

For more information see also: <http://inesmex2008.blogspot.com/>

For enquiries please contact:

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