



# THE WARP GROUP

THE PROGRESSIVE GLOBAL THINK TANK for PARTICIPATORY  
DEMOCRACY

5<sup>th</sup> International Vanguard Science Congress  
5<sup>ta</sup> Jornada Internacional de Vanguardia Científica

## Alternativas Geopolíticas, Económicas y de Democracia Participativa ante la Crisis Mundial

Geopolitical, Goeconomic and Geodemocratic Alternatives to  
the Global World Crisis

México y Toluca, 19 a 21 de marzo, 2015  
Mexico City and Toluca, March 19-21, 2015

*Sponsored by the Universidad Autónoma Metropolitana (UAM) and the*

*LVIII Legislatura del Estado de México/Mexican State Legislature*

Organized by the Center for Transition Sciences (CTS)-UAM-WARP

Co-Sponsors: Universidad Autónoma Metropolitana–Unidad Lerma; Universidad Obrera de México Vicente Lombardo Toledano (UOM); Universidad Autónoma Chapingo; Shanghai University of Finance and Economics (SUFE) – Center for Economics of the Shanghai School (CESS); Chinese Academy of Social Sciences (CASS); Regional Office for Latin America and the Caribbean, International Council for Science (ICSU), Paris.

The event will take place at the facilities of the Mexican State Legislature, **Salon Benito Juárez del Palacio Legislativo, Plaza Hidalgo s/n, Col. Centro, in Toluca**. Adequate air and ground-transport, board and lodging will be provided by the organizers. Conference languages will be Spanish and English. Most probably, we will have simultaneous translation of English and Spanish into Russian and Chinese-Mandarin.

Follow-up events will take place on **March 23<sup>rd</sup> at the Workers' University of Mexico Vicente Lombardo Toledano (UOM)** and on **March 24<sup>th</sup> at the Universidad Autónoma Chapingo**.



## TIME FRAME and LOGISTICS

- 18.3. **Wednesday, Arrival Mexico City Airport; transfer to Gran Hotel Plaza Imperial, Toluca**
- 19.3. **Thursday, Activities according to official Program**
- 20.3. **Friday, Activities according to official Program**
- 21.3. **Saturday morning, rest; 14:00 hrs, Farewell lunch with Mariachis**
- 23.3. **Monday, Mexico City, Simposium, 16-19:00 hrs, The Workers' University Vicente Lombardo Toledano, Mexico City (See flyer with program, attached)**
- 24.3. **Tuesday, Simposium, 10-13:00 hrs, Universidad Autónoma Chapingo (See flyer with program, attached)**
- 25.3. **Departure from Mexico**

## COORDINATING COMMITTEE/COMITÉ COORDINADOR

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**International Coordinator**

Senior Science Advisor to the UAM-President

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Universidad Autónoma Metropolitana (UAM)

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**Lic. Guillermo Lezama**

Director, Universidad Obrera de México Vicente Lombardo Toledano (UOM)  
Distrito Federal

**Dr. Ramón Valdivia Alcalá**

Rector, Universidad Autónoma Chapingo

## PROGRAM/PROGRAMA

**Jueves/Thursday 19 de marzo/march 19<sup>TH</sup>, 2015**

VENUE/SEDE: *LVIII* Legislatura del Estado de México/*Mexican State Legislature*,  
*Toluca*

**09:00 hrs Inauguration**

09:30 hrs The Global Transregional Fracture: G-7 vs BRICS/Fractura Transregional Global: G-7 vs BRICS  
Alfredo Jalife-Rahme, Distinguished Latin American Geostrategic Analyst,  
Coordinator, Center for Geo-Strategic Studies (CGS), CTS, Mexico

10:20 hrs The Asian Age and the 21st Century World Order. Geopolitical and Geocultural contributions to the WARP World Model for the first three decades of 21st Century World Politics. *Building block I.*  
Melkulangara K. Bhadrakumar, Distinguished Asian Geostrategic Analyst, former Career Diplomat, India

11:10 hrs The Development Model of the Socialist Republic of Vietnam  
Tran Tuan Phong, Vice-Director of the Institute of Philosophy; with Phạm Văn Đức, Vice President, Vietnamese Academy of Social Sciences, (VASS), Hanoi, Vietnam

12:00 hrs Crisis del Neoliberalismo y Movimientos Sociales  
Óscar González Yáñez, Economista, Expresidente municipal de Metepec, México, Diputado estatal

12:30 COFFEE BREAK/REFRIGERIO

12:45 hrs Ukraine and the global geo-military situation. Is Gorbachev's warning of a possible Nuclear World War realistic? Ucrania y la situación geo-militar mundial. Puede haber una guerra nuclear por Ucrania como advierte Gorbachev? Konstantin Sivkov, Ph.D. in Military Sciences; President of the Academy of Geopolitical Affairs, Moscow, Russia

13:35 hrs Metrics of Global Liberation. The Index of Relative Geopolitical Power of Nation States (IRGP) in the current world system. Who will dominate the future world system: China-Russia-India or the West? The WARP World Model for the evolution of geopolitical power blocks in the first three decades of the 21st Century. *Building block II* Heinz Dieterich, Juan Carlos Olguín, Raimundo Franco, Rodrigo Ortiz, Alemania, México, Cuba, CTS

14:05 hrs LUNCH/ALMUERZO

15:30 hrs 4<sup>th</sup> Generation Warfare, color revolutions and the neurobiological preconditions for democratic praxis. Guerra de 4ta Generación, revoluciones de color y los prerequisites neurobiológicos para una praxis democrática  
Gernot Ernst, neurobiologist, WARP-CTS, Norway; Maria E. Venegas, UOM, México

16:20 hrs WARP Research Project: A world econometric computer simulation model of commercial and financial flows and dependencies in the World Economy, with European, Asian, American and African subregions. The WARP Grand Scientific Design for the first three decades of 21st Century World Politics: *Building block III* Klaus Bartsch, Distinguished European computer simulation econometrist, Berlin, Germany

17:10 hrs Possibilities and limits of developmentalism and socialism in Latin America/  
Posibilidades y límites del Desarrollismo y Socialismo en América Latina: la experiencia andina de Ecuador y Bolivia  
Alexis Ponce, Cofounder Human Rights' Movement (APdH), Ecuador

18:00 hrs Expansión del mercado de suelo y repertorios de resistencia en Malinalco  
Pablo Castro Domingo, Director, División de Ciencias Sociales, UAM, Campus Lerma

18:30 hrs End of session/Dinner

## **Viernes/Friday, 20 de marzo/march 20th, 2015**

09:00 hrs. Is a Socialist cooperativism of the 21<sup>st</sup> Century possible in Latin America? The Uruguayan experience under President Pepe Mujica.  
El cooperativismo socialista del Siglo 21 es posible en América Latina? La experiencia uruguaya con el Frente Amplio y el Presidente Pepe Mujica  
Enrique Gaucher, Colaborador del ex Presidente, integrante del MPP: Movimiento de Participación Popular, la fuerza política que creo Pepe Mujica hace 26 años, y del Frente Amplio

09:40 hrs. The global situation of 21st Century Socialism/La situación global del Socialismo del Siglo 21

Heinz Dieterich, Director, Center for Transition Sciences (UAM), México-Germany

- 10:10 hrs. Environmental engineering, equivalence economy and product calculation by labour values. An empirical contribution and discussion of application to 21st Century post market society  
Stefan Rehfus, environmental engineer, WARP-Researcher, Germany
- 10:50 hrs. Darwin's dilemma: Trapped between the "Third Chimpanzee" and the robot. Who will rule the Blue Planet?  
Juan Carlos Olgún, Coordinador Grupo de Transrobótica, CTS-UAM
- 11:30 hrs. COFFEE BREAK/Refrigerio
- 11:50 hrs. Can Cuban biotechnological development serve as a paradigm for developing countries?/La creación de la biotecnología en Cuba en cuanto modelo de desarrollo científico para países en desarrollo y el rapprochement con EEUU  
Dr. Manuel Limonta, Fundador de la Biotecnología Cubana
- ICSU Future Earth Project – Research for Global Sustainability  
Dr. Manuel Limonta, Director, Regional Office for Latin American and the Caribbean, International Council for Science (ICSU)
- 12:40 hrs. *Objective problems in the construction of participatory democracy: conditio humana y conditio naturalis: the laws of scale/Problemas objetivas de la Democracia Participativa: conditio humana y conditio naturalis: the laws of scale*  
Heinz Dieterich, Juan Carlos Olguin, CTS
- 13:00 hrs. LUNCH/Almuerzo
- 15:00 Yuan y Rublo versus Dólar  
La lucha por la hegemonía en el sistema financiero global  
Eudoxio Morales Flores. CEDES, FE-BUAP, México
- 15:30 Humans, Robots and Values. Will Chaplin's working class heroes prevail over the robot?  
Paul Cockshott, Karen Renaud, Dep. of Computer Sciences, University of Glasgow, GB
- 16:00 Innovador sistema fonético para aprender el Chino Mandarín, **"Pinyin Mejorado Zechi para Latinoamericanos"**, 拉美人专用改良拼音方案  
Jia Zechi, Egresado de Filología romana, Universidad de Nanjing
- 16:30 México: Agotamiento de las Instituciones democráticas y sector empresarial  
Marco A. Martínez Almazán, Empresario, Ing. en Negocios y Gestión Empresarial
- 17:00 hrs. End of official Program Toluca/Clausura del evento

# March 23<sup>rd</sup> Universidad Obrera de México Vicente Lombardo Toledano



**16:30-19:00 hrs**

**La Universidad Obrera de México Vicente Lombardo Toledano y el Centro de Ciencias de la Transición (CTS) de la Universidad Autónoma Metropolitana (UAM), invitan al:**

**1er Simposio Internacional de Geopolítica Progresista**

## **El Futuro del Mundo y el Destino Obrero**

### **1. Bhadrakumar Melkulangara Kumaran, India**

Distinguido Analista Geopolítico, Delhi, India

El Siglo de Asia: Fin de 500 años de dominación y explotación de Occidente

### **2. Tran Tuan Phong, Vietnam**

Vice-Director del Instituto de Filosofía, Academia de Ciencias Sociales de Vietnam (VASS), Hanoi, Vietnam

El Modelo de Desarrollo Socialista de Vietnam

### **3. Enrique Gaucher, Uruguay**

Frente Amplio, Cooperativista, Colonia, Uruguay

El cooperativismo socialista del Siglo 21 es posible en América Latina? La experiencia uruguaya con Pepe Mujica

### **4. Juan Carlos Olguín, México**

Center for Transition Sciences (CTS), UAM, México

¿La Robótica dominará al homo sapiens?

**March 24<sup>th</sup> at the Universidad Autónoma Chapingo**

**10-13:00 hrs**



**El Centro de Ciencias de la Transición (CTS) de la Universidad Autónoma Metropolitana (UAM) y la Universidad Autónoma de Chapingo invitan al:**

**1er Simposio Internacional de Geopolítica Progresista**

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Center for Transition Sciences (CTS), UAM, México

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## **5. Klaus Bartsch**

Econometric computer simulation models, CTS-WARP, Berlin, Germany  
Prospective architecture of a world econometric simulation model for the  
21st Century