

Invitation

You are cordially invited to participate in the I International Conference on Food and Agricultural Applications of Nanotechnologies, which will be held in São Carlos, SP, Brazil from June 20 to 25, 2010. New and emerging applications of nanotechnologies in food and agriculture and issues related to their use will be the focus of this Conference. In addition to exploring relevant scientific and technological advances, the Conference will also seek to highlight areas of research with the greatest potential to benefit society. The overall objectives of the Conference are to:

Provide a vehicle for debate among all stakeholders on priority areas for development of nanotechnologies relevant to food and agriculture

Identify priority areas of research and development that are considered to have the greatest potential to contribute to the achievement of Development Goals

Consider the social/ethical implications of Nanotechnologies applied in food, agriculture and sectors

Consider the legal and business issues which influence the transition from research to commercialization of nanotechnologies

Promote collaborative research among countries on issues of common interest

Promote a harmonized approach toward the assessment and management of potential human health and environmental risks that may be associated with the use of nanotechnologies in the areas of food, agriculture, health and other sectors.

Important Deadlines

Paper Submission: February 19, 2010

Acceptance notification: March 19, 2010

Early registration: February 19, 2010

Registration Fees*

	Before February 19	After
<i>Full registration</i>	USD 400.00	USD 500.00
<i>PhD students</i>	USD 150.00	USD 200.00

Partial financial support will be provided by the Organizing Committee for developing countries participants. Those interested should apply directly to the Organizing Committee by February 19, 2010.

**Each registration allows submission of two papers. Includes welcome reception, banquet, lunches, coffee break, oral & poster sessions and book of abstracts.*

Hotel Information and Reservation:

Please contact: Hotel Fazenda Fonte Colina Verde

Daily hotel fees will include breakfast and dinner

Phone/Fax: 19 3481 9999

Home page: www.hotelcolinaverde.com.br/site08eng/

Transportation:

Transportation from the International Airport of Guarulhos/São Paulo and possibly from other locations to the Conference place should be arranged by contacting the Organizing Committee

Contact:

Cauê Ribeiro - CNPDIA/EMBRAPA
POBox: 741, São Carlos, SP, Brazil
e-mail: nanoagri@cnpdia.embrapa.br

For more information:

<http://www.cnpdia.embrapa.br/>

International Conference on Food and Agricultural Applications of Nanotechnologies NANOAGRI - 2010

First Call for Papers

June, 20-25, 2010
Hotel Fazenda Fonte Colina Verde
São Carlos, SP, Brazil

Sponsored by:



Ministério da
Ciência
e Tecnologia

Organizing Committee

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- Renata Clarke (FAO)
- Lourdes Costarrica (FAO)
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- Silvio Crestana, Embrapa (Brazil)
- Tara McHugh, USDA/ARS (USA)
- Thembela Hillie, NCNSM (South Africa)
- William Orts, USDA/ARS (USA)

Invited Speakers

- Mildred Dressehaulls, *MIT, USA* (to be confirmed)
- Vic Morris, *IFR, UK*
- John Baglin, *IBM, USA*
- Roberto Cesareo, *Università di Sassari, Italy*
- Günter Oberdörster, *Univ. Rochester, USA*

General Information

Date: June, 20 to 25, 2010

Location: São Carlos, Brazil

Expertise: from Academia, Private sectors, International and national agencies, NGOs, etc.

Global participation: appropriate balance of experts coming from developing and developed countries

Conference will include: posters, oral presentations, roundtables and plenary sessions

Conference outputs: round table's discussion highlights (bullet points), plenary sessions discussion (summary report)

Conference Language: The official language will be English.

Visa Requirement:

Visa is usually required to enter Brazil for citizens from many countries. Please check not later than one month prior the conference in the nearest Brazilian Consulate or Embassy (a complete list of Brazilian embassies is available in <http://www.mre.gov.br/ingles/endereco/embaixas.php>)

Topics

Food packaging /sensors

- Passive, active and smart/intelligent packaging,
- Edible films.
- Nanobiocomposites for packaging

Food Design

- Nano food designs: texture, colour modifications, etc
- Nano additives
- Nutrient delivery systems
- Edible food coatings

Plant production and animal breeding

- Nano applications in plant production and animal breedings
- Nano-enabled traceability systems
- Veterinary drugs and nano enabled veterinary drug delivery
- Nanostructured sensors for pathogen detection

Environmental clean-up

- New water nanofiltration /purification systems,
- New soil cleaning systems.

Safety Evaluation

- Nanotoxicology
- Environmental health,
- Current R&D and Data Gaps

Regulatory Framework

- Tools to enable enforcement of regulations and ensure a sound and science-based regulatory framework,
- Promoting transparency and public trust in the governance of nanotechnology and new technology.