

LOCAL ORGANISING COMMITTEE

Isabelle Goldringer (INRA)
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AUSPICES:

- EUCARPIA, Section Organic & Low-input Agriculture
- UMR Génétique Végétale Le Moulon
- INRA (DGAP, Department of Plant Breeding and Genetics)
- Ecole Doctorale Sciences du Végétal (Univ. Paris-Sud)
- AgroParisTech
- Ecole Doctorale ABIES

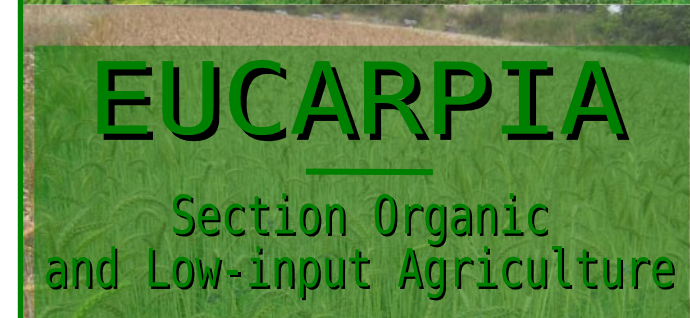
FURTHER INFORMATION

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Paris, 1-3 December 2010



**Breeding for Resilience :
a strategy for organic and
low-input farming systems ?**



INTRODUCTION

Global change is increasingly affecting agricultural production and threatening food security. Organic and low-input farming systems are less demanding in fossil energy and might thus contribute to moderating global carbon emissions. Moreover, under increased uncertainty and variability in environmental conditions, these systems offer solutions for buffering against climatic extremes, disease epidemics, changing nutrient availability, etc that will add to already heterogeneous environmental conditions.

2010 has been designated the Biodiversity Target year by Parties to the Convention on Biological Diversity. Yet, it is clear that biological diversity in agroecosystems, measured as the number and abundance of species as well as genetic diversity within cultivated plants, is still decreasing, largely due to the negative impacts of intensive industrial agriculture. Overall, ecosystem services delivered by biodiversity such as plant disease control, soil fertility and pollination are jeopardized by its decline. These threats present an opportunity for the organic sector to develop original and innovative strategies for biodiversity preservation and increased resilience in the field.

This conference wishes to take inspiration from the ecological sciences to highlight the use of biodiversity in agriculture while taking advantage of the new tools coming from genomics.

Therefore, the symposium will deal with breeding strategies for organic and low-input farming systems with a special emphasis on approaches that allow for more resilience in response to global change.

TOPIC AREAS

- Breeding for adaptability under global change
- Improving resilience of agro-ecosystems based on genetic diversity
- New insights into the genetic bases of local adaptation and their use in breeding
- Breeding for diverse environments and products
- Regional participatory plant breeding

CALL FOR PAPERS

For oral presentations and posters, please, send a one page abstract (max 500 words) **before 3rd May 2010** to: isa@moulon.inra.fr. Final acceptance of abstracts is contingent upon registration.

PROCEEDINGS

The proceedings of the conference will be available at the start of the conference. Papers of 4-6 pages will be requested for oral presentations. After acceptance of abstracts, they should be sent before 15 September 2010.

SCIENTIFIC PROGRAMME COMMITTEE

1. Dr. I Goldringer & Dr. JC Dawson, INRA, UMR Génétique Végétale Le Moulon, France.
2. Dr. V Chable, INRA, SAD-Paysage, Rennes, France.
3. Prof. Dr. E Lammerts van Bueren, Wageningen University, The Netherlands, chair of EUCARPIA Section Organic & Low-input Agriculture, chair of ECO-PB.
4. Prof. Dr. H Østergård, Risø DTU, Roskilde, Denmark, board member of ECO-PB, vice chair of EUCARPIA Section Organic & Low-input Agriculture, chair of ECO-PB.
5. Prof. Dr. M Finckh, Faculty of Organic Agricultural Sciences, University of Kassel, Germany.

PHD STUDENTS

PhD candidates are more than welcome to participate. In addition to classical posters sessions, a special session will be organised where some PhD students will be able to present their own work and interact with specialists.

LOCATION / TIME

Le Comptoir Général – a new space with strong environmental endowment dedicated to large audience events, 80 Quai de Jemmapes, Paris 10ème, France.
The symposium program runs from 1:00 pm December 1st, 1:00 pm. December 3rd, 2010.

EXCURSION

An excursion to the Experimental Platform for Research in Organic Agriculture, La Bergerie de Villarceaux (95), is proposed on 3rd December 2010, 3 – 7 pm.

IMPORTANT DATES TO REMEMBER:

- **15th March 2010** second announcement, registration open
- **3rd May 2010** deadline submission of abstracts
- **30th August 2010** deadline for early registration fee
- **15th September 2010** deadline for submission of full papers

REGISTRATION

Registration and accommodation details will be available on the website https://colloque.inra.fr/eucarpia2010_organic_li or visit the EUCARPIA, ECO-PB, ISOFAR homepages. Early registration is recommended. After 30th August 2010 an extra registration fee of € 50,- will be charged.

FEE

	Before 30.08.10	After 30.08.10
EUCARPIA member	€ 270,-	€ 320,-
EUCARPIA non-member	€ 320,-	€ 370,-
PhD students	€ 120,-	€ 170,-

- Fees includes workshop material, coffee breaks, lunches & dinners, and proceedings
- Not included: travel and accommodation (ca € 70-80 per night)