



**The GCP Training Program
DIVERSITY/BREEDING
Region: Asia and Africa**

Full Course Title: “Molecular characterization of inbred lines and populations in maize”

**CALL FOR PARTICIPATION
Deadline for applications: 1 January, 2007**

The Generation Challenge Program announces a training workshop to be held 1-3 April, 2007 in New Delhi, India. The goal of this workshop is to provide background and training in the use of SSR markers for characterizing crop germplasm, with particular emphasis on heterogeneous populations, particularly maize. Sessions will include but not be limited to topics such as: DNA extraction for the bulked method; PCR, electrophoresis on an automatic DNA sequencer; reading gels and generating specialized data files of allele frequencies from bulks; analyzing population diversity statistics and comparisons between populations. A general discussion of use of genetic diversity studies will be included.

Selection Criteria

Participants will be selected based on panel review of applications. Preference will be given to participants who are already working on molecular marker characterization of crop species, especially outcrossing species. Participants must be proficient in English, and demonstrate that their participation will lead to direct improvements in their research.

Venue

The workshop will be held at the Indian Agriculture Research Institute, New Delhi, India.

Cost

The Generation Challenge Program will cover all course fees, travel, and accommodation costs for selected participants.

Organizers

For more information please contact one of the organizers: Marilyn Warburton, Genetic Resources Program, CIMMYT (mwarburton@cgiar.org) or B.M. Prasanna, ICAR National Fellow, Division of Genetics, IARI, New Delhi (bmprasanna@gmail.com)

Application form

Here is the link to the application:

http://www.generationcp.org/capcorner/india_course_app_2007.doc.

(If you have trouble with this hyperlink, the direct address to the application posting is:

<http://www.generationcp.org/latestnews.php?da=0656653>)