

— Presentations —

- Prof Bikram Gill,** *Kansas State University, US*  
Introgressing genes from tetraploid wheats
- Prof John Snape,** *John Innes Centre, England*  
Techniques for dissecting the genetic contributions of synthetics to wheat improvement using precise genetic stocks
- Prof Mark Sorrells,** *Cornell University, US*  
Dominant male-sterile populations for association mapping and introgression of synthetic wheat germplasm
- Prof Richard Trethowan,** *CIMMYT, Mexico*  
Synthetic hexaploid derivatives improve bread wheat adaptation globally.
- Dr Mujeeb Kazi,** *CIMMYT, Mexico*  
(to be announced)
- Prof Gerald Halloran,** *University of Melbourne, Australia*  
*Triticum tauschii* in the natural and artificial synthesis of hexaploid wheat
- Prof Rudi Appels,** *Murdoch University, Australia*  
The impact of synthetic wheats in Australia: some early drivers and successes
- Prof Peter Langridge,** *Australian Centre for Plant Functional Genomics*  
What do technologies at ACPFG have to offer synthetic wheat researchers?
- Assoc. Prof Daryl Mares,** *University of Adelaide, Australia*  
Synthetics as sources of improved noodle colour and colour stability
- Dr Richard Brettell,** *GRDC, Australia*  
Delivering research benefit to growers - GRDC perspective
- Dr Francis Ogonnaya,** *SynERGE, Department of Primary Industries Victoria, Australia*  
SynERGE - A platform offering improved germplasm, genetic resources and tools to wheat breeders and researchers

**SynERGE**



**Synthetic Enriched Resources  
for Genetic Enhancement**

**1<sup>st</sup> Synthetic Wheat Symposium**

**September 4 - 6, 2006**

**Department of Primary Industries – Horsham  
Victoria - Australia**

— Program —

Organized by:

Francis C. Ogonnaya and Maarten van Ginkel

The theme for the Symposium is “Synthetics for wheat improvement”. The theme is centred around constituent ancestral species, genetic diversity, development and utilisation of primary synthetics and synthetic derivatives, resistance/tolerance to biotic/abiotic stress, quality traits, and application in breeding.

**Local Organizing Committee**

Imtiaz Muhammad, Erica Martin, Jayne Wilson, Jacinta Bull, Kate E. Adams



## General Information —

### — Presentations —

- Dr Evans Lagudah,** *CSIRO, Australia*  
Synthetic hexaploids: potential and realities
- Dr Russell Eastwood,** *Australian Grain Technology*  
Experiences with synthetics in a commercial wheat breeding program.
- Dr John Thompson,** *Primary Industries Queensland, Australia*  
Resistance to root-lesion nematodes from synthetic hexaploid wheats
- Dr Harbans Bariana,** *The University of Sydney, Australia*  
Diversity of rust resistance in synthetic hexaploids
- Dr Fernanda Dreccer,** *CSIRO Queensland, Australia*  
Physiology of drought adaptive traits in synthetic wheats
- Dr Kolumbina Mrva,** *University of Adelaide, Australia*  
Late maturity alpha-amylase (LMA) in synthetic wheats
- Dr Yuri Shavrukov,** *Australian Centre for Plant Functional Genomics*  
Screening for sodium exclusion and preparation of parental lines for crossing to reconstruct synthetic wheat
- Dr. Tony Gregson, “Farmer”**  
Invited guest speaker at the conference dinner

The conference welcome reception will be held on Sunday, September 3, 2006 at 5.00-7.00 p.m. Conference days will begin at 8:30 am each morning and end at 5:00 pm each afternoon. The conference dinner on Tuesday, September 5, will begin at 7:00 p.m. The conference will be concluded on Wednesday, September 6 at 1.00 pm. A detailed program will be distributed at registration.

#### Location

All program sessions of the Symposium will be held at the Grains Innovation Park, Horsham. Horsham is approximately 300 km (3-1/2 hours by car) from the Melbourne Airport and 450 km (4-1/2 hours) from Adelaide.

#### Accommodations

Rooms are being held for conference participants at the following motels. Reservations should be made before August 15, 2006 to receive the discounted rate. Attendees should make their own arrangements with the motel, specifying that they are part of the Synthetic Wheat Symposium group.

#### Interested in Shared Accommodation:

Contact Kate Adams, if you are interested in sharing a room with another participant. She will provide you with a list of other participants who have requested similar information.

Motels	Single	Double	Breakfast	Internet	Comments
<b>Comfort Inn Capital</b> 109 Firebrace St Phone: +61 03 53 82 0125`	\$90	\$98	Yes	Broad-band	Restaurant, Downtown
<b>Comfort Inn Townhouse</b> 31 Roberts Ave Phone: +61 03 5382 4691	\$98	\$112	Yes	Wireless	Downtown
<b>Country City Motor Inn</b> 11 O'Callaghans Parade Phone: +61 03 53 82 5644	\$93	\$102	Yes	Wireless	Downtown
- Deluxe room	\$116				
- Executive room with spa	\$130				

**Registration**

Registration will begin at 8:30 am on Monday, September 4, 2006 and will continue till 10.00 am. No registration fee will be charged.

**Conference Dinner**

There will be no charge for the conference dinner on Tuesday, September 5, 2006.

**Field Trip**

The field trip will take participants to the plant breeding centre Horsham, on the afternoon of September 5, 2006, where synthetic wheat trials are grown to evaluate traits such as yield, drought, pre-harvest sprouting, salinity and diseases.

**Transportation**

Limited morning and evening shuttle service will be provided from the motel to the Symposium venue (Grains Innovation Park).

**Travel Information**

***Transportation to Horsham***

Detailed information on how to rent a car, catch a bus from Melbourne to Horsham or from Adelaide to Horsham can be obtained from Kate Adams at the email address listed below. Alternatively information is also available at:

<http://www.viclink.com.au>, [www.fireflyexpress.com.au](http://www.fireflyexpress.com.au), <http://www.avis.com.au>, <http://www.budget.com.au>

**Sponsorships**

There are no scholarships available for participants to attend the symposium.

**For Additional Program Information Contact:**

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1st Synthetic Wheat Symposium  
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**For Information Regarding Registration, Accommodation or Transportation**

**Contact:**

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**— Registration Form —**

**Please print or type one name per form**

PERSONAL DETAILS

Title .....  
First Name ..... Surname.....  
(Preferred name for name badge) .....  
Organisation .....  
Address .....  
City ..... State ..... Postcode .....  
Country .....  
Phone (Office) ..... Fax (Office) .....  
Email .....  
Special Requests (eg dietary requirements, disability etc) .....

Number of additional accompanying person (s) for conference dinner:

Please send the registration form to [kate.e.adams@dpi.vic.gov.au](mailto:kate.e.adams@dpi.vic.gov.au).  
The deadline for registration is June 30, 2006.

Send the electronic copy of your presentation abstracts to:  
[Muhammad.Imtiaz@dpi.vic.gov.au](mailto:Muhammad.Imtiaz@dpi.vic.gov.au) on or before June 30