

# MRA Project - Special Seminar

To invite three researchers from two key institutes, we will hold a special seminar on genetics of wheat and the related species

**Date and Time: July 5, 2018, 15:00-17:00**

**Place: Active Learning Space, ALRC**

## Drs. Nadine Bernhardt and Jonathan Brassac

(Leipzig Institute of Plant Genetics and Crop Plant Research (IPK)  
Gatersleben, Germany)

### Genome-wide sequence information reveals multiple events of reticulation that shaped the relatives of wheat

Triticeae, the tribe of wheat grasses, harbors approximately 360 species in 20-30 genera including wheat (*Triticum aestivum* L.) and its wild relatives. Even after decades of research most of the tribe's phylogeny is still unresolved. During this talk a new scenario of hybrid speciation will be introduced for the wheat close relatives.

## Dr Takashi Okada

(School of Agriculture, Food and Wine, Faculty of Science  
The University of Adelaide)

### Hybrid Wheat

His current project focuses on the developmental dissection of the wheat flowering and pollination process, exploiting favorable characteristics from diverse germplasm. These developmental studies use various anatomical and cytological techniques coupled with the latest genetic analysis tools to identify genetic loci and develop molecular markers for hybrid wheat breeding.

Contact: Takayoshi Ishii (Ishii.T@tottori-u.ac.jp)

