

ANNOUNCEMENT

ISTA/ISHS SYMPOSIUM

Technological Advances in Variety and Seed Research
31 May - 3 June 1994 Wageningen, The Netherlands

This symposium is the result of collaboration between ISTA and ISHS and intends to bring together experts on varieties from both organizations - the official seed testers, institutional research personnel, commercial plant breeders and seed technologists. The symposium will focus on new molecular and physical techniques for the development and assessment of varieties and for the determination and enhancement of seed quality.

Sessions on.	Genetics	(identification, molecular markers, somaclonal variation, gene expression and manipulation)
	Physiology	(germination, vigour, desiccation, oxidative stress)
	Pathology	(diagnostics, etiology, epidemiology, resistance)
	Technology	(NMR, NIR, X-ray, image analysis, etc)

Enquiries to the symposium secretariats:

For scientific matters:

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For organizational matters

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Centre (IAC), PO Box 88, 6700 AB Wageningen, The Netherlands
Telephone +31 8370 90287 Fax +31 8370 18552

Contact the above **without delay** for the preliminary registration form (first circular and call for papers)

FIFTH INTERNATIONAL WORKSHOP ON SEEDS

Basic and Applied Aspects of Seed Biology

University of Reading, UK



11 - 15 September 1995

First Circular: Preliminary Registration

The fifth meeting in the series of International Workshops which began in Israel in 1979 (continuing at Wageningen in 1985, Williamsburg in 1989, Angers in 1992) will be held at the University of Reading, UK, between Monday 11 and Friday 15 September 1995. *Reading lies 40 miles west of London, 30 minutes by train. London's international airports at Heathrow and Gatwick have direct bus and train connections to Reading.*

I am pleased to invite you to the meeting. Please complete the form below if you wish to receive the second circular providing details of the meeting and how to book accommodation, etc. Your prompt return of this form to me at the address shown below will enable me to better gauge the demand for accommodation, and also to determine the themes of the scientific programme. Please copy this form to interested colleagues.

I look forward to receiving your reply.

Richard Ellis (1995 Conference),
Department of Agriculture, University of Reading,
Earley Gate, P O Box 236,
Reading RG6 2AT, UK

FIFTH INTERNATIONAL WORKSHOP ON SEEDS, READING 1995 Preliminary Registration

NAME (Mr/Ms/Mrs/Dr/Prof)

ADDRESS

I am interested in presenting a paper/poster* on (please give subject area or list keywords)

I would prefer accommodation in a medium-grade hotel (about £70 per night, including breakfast)/a university hall of residence (from £30 to £45 per night, including meals)*
*please delete as appropriate

PEAS: GENETICS, MOLECULAR BIOLOGY AND BIOTECHNOLOGY

Edited by R. Casey and D. R. Davies, John Innes Institute, Norwich, UK
Biotechnology in Agriculture Series, 10

Our knowledge of the molecular biology and genetics of peas, particularly in the fields of storage product biology, genetic mapping, transformation, plant development and the rhizobium symbiosis, has increased dramatically in recent years. The pea is also a model plant for research on a number of topics including starch biosynthesis and gene regulation by light. This book contains a number of reviews on progress in various aspects of pea molecular genetics. It places them in perspective for those concerned with the breeding, agronomy and exploitation of peas and will also be of value to those working on other grain legumes. It is also an important volume for research workers and advanced students in many areas of plant sciences, especially plant genetics and biotechnology.

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- The pea crop, *D. R. Davies*
- The nuclear genome, *T. H. N. Ellis*
- The plastid genome, *T. H. N. Ellis*
- Regulation of gene expression, *P. M. Gilmartin*
- Genetic and developmental analysis of the seed, *T. L. Wang and C. L. Hedley*
- Biochemistry and molecular biology of seed products, *R. Casey, C. A. M. Domoney and A. M. Smith*
- Developmental mutants, *I. C. Murfet and J. B. Reid*
- Molecular approaches to the study of diseases of peas, *A. Vivian*
- Root nodules, rhizobium and nitrogen fixation, *N. J. Brewin, M. J. Ambrose and J. A. Downie*
- Tissue culture and transformation, *D. R. Davies and P. M. Mullineaux*
- Opportunities in relation to developments in plant biotechnology, *D. R. Davies*

December 1993 336 pages HB ISBN 0 859198 863 6
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Abstracted in *Seed Abstracts* (CAB ABSTRACTS),
Current Advances in Plant Science and BIOSIS

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Typeset by Burgess, Thames View, Abingdon, Oxfordshire
Printed in the United Kingdom by Information Press, Eynsham, Oxford