Introduction
This symposium will cover general and special aspects of the design, implementation, and analysis of agricultural and horticultural trials.

Dwindling resources increase the need for new approaches and techniques for the design and analysis of field experiments. A continuous improvement of field trial equipment and data documentation tools, simple methods for sound statistical analysis of trials, as well as integrated information and knowledge management systems are prerequisites for the up-to-date and timely provision of information to farmers, governmental authorities, and industrial companies. Statistical analyses covering only a limited geographical range should be augmented by an inter-regional integration of data, thus making optimal use of all available information. This symposium will discuss solutions to problems occurring in agronomic experiments, efficacy studies in plant protection and cultivar experimentation. The main focus will be on opportunities arising from recent developments in field trial technology, sensor technology, and geographical information systems as well as from new biometrical procedures. The conference is aimed at individuals working in research and development as well as practitioners in the field of agricultural experimentation.

We cordially invite you to the international symposium: “Agricultural Field Trials - Today and Tomorrow” in Stuttgart-Hohenheim, October 8th to 10th, 2007.

Subject areas
The International Symposium is open to all contributions dealing with aspects in relation to agricultural and horticultural trials in the field and under controlled conditions (greenhouse, vegetation hall and others). Contributions can be presented on the following topics:

1. Design of individual trials and of trial series
2. Mechanisation and rationalisation of agricultural trials
3. Type of assessment scales and data analysis methods
4. Precision farming and image analysis
5. Biometrical methods for time series and dose-response-curves
6. Biometrical methods for the analysis of trial series
7. GPS und geostatistics
8. Information technologies for field experimentation and extension services
9. Free topics

Poster presentation
Papers can also be submitted as poster presentation

Tutorial
A tutorial on „Mixed Models“ will be offered on October 10th 2007 from 1 to 4 pm.

Product presentation
Companies wishing to present their newest developments, are invited to participate with a booth. More information is available at the local conference secretariat.

Programme committee
Dr. H. Bleiholder, Neustadt (Chairman), Dr. A. Büchse, University of Hohenheim, Dr. A. Dissemond, LWK NRW, DI G. Heist, Bayer CropScience, Dr. J. Köhler, BASF AG, Dr. U. Meyer, Bundessortenamt, Prof. Dr. H.-P. Piepho, University of Hohenheim (Chairman), Dr. U. K. Posselt, Universität Hohenheim, Mrs. Prof. Ch. Richter, Humboldt University of Berlin, Prof. Dr. J. Spike, MLU Halle/Saale, Prof. Dr. H. Thöni, University of Hohenheim.

Local organizing committee
Prof. Dr. H.P. Piepho (Chairman), Dr. A. Büchse, Mrs. A. Rapp
Announcement and Call for Papers

International Symposium
Agricultural Field Trials - Today and Tomorrow

October 8th to 10th, 2007
University of Hohenheim
Stuttgart – Germany

Call for Papers

Key dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Deadline</th>
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<tr>
<td>Submission of abstracts</td>
<td>01 March 2007</td>
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<tr>
<td>Confirmation, acceptance</td>
<td>01 April 2007</td>
</tr>
<tr>
<td>Submission of manuscripts</td>
<td>01 June 2007</td>
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</tbody>
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The papers should be written and submitted in English. Accepted papers will be peer-reviewed before inclusion into the proceedings. Please send your abstract together with your registration to the local conference secretariat.

Registration

<table>
<thead>
<tr>
<th>Registration fees</th>
<th>before 30.07.07</th>
<th>after 30.07.07</th>
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<tbody>
<tr>
<td>Members of supporting societies</td>
<td>45 €</td>
<td>70 €</td>
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<td>Students (no proceedings) of supporting societies</td>
<td>frei</td>
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<tr>
<td>Other participant</td>
<td>60 €</td>
<td>85 €</td>
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<tr>
<td>Other student (no proceedings)</td>
<td>10 €</td>
<td>15 €</td>
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<tr>
<td>Reception (Castle) 08.10.07</td>
<td>10 €</td>
<td>10 €</td>
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<tr>
<td>Buffet (Mensa) 09.10.07</td>
<td>12 €</td>
<td>12 €</td>
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An abstract of ½ to 1 A4 page in English is included. My paper belongs to the subject area (1-9)..................

I wish to attend the tutorial ‘Mixed Models’
I wish to participate as exhibitor
I would like to publish an advertisement in the proceedings

Bank account

Universität Hohenheim
BW Bank Stuttgart
Account number: 1054 550 700
BLZ: 600 200 30
Purpose: „340407 Versuchswesen“
BIC: BW BK DE 6 S 600
IBAN: DE 29 600 200 30 1054 550 700

Conference venue

Universität Hohenheim
EUROFORUM
Kirchnerstraße 3
D–70599 Stuttgart-Hohenheim

Additional information and local conference secretariat

Mrs. Anita Rapp, University of Hohenheim, Institut for Crop Production and Grassland Research, Fruwirthstraße 23, 70599 Stuttgart (rappa@uni-hohenheim.de).
Tel.: (+49)0711-459-3833; Fax: (+49)0711-459-4345.
www.uni-hohenheim.de/bioinformatik/

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I am a member of the:

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DPG
GPW
GPZ
GIL
DLG

1) Gesellschaft für Pflanzenbauwissenschaften

I will participate in the evening event on

8.10.2007
Reception (Castle)
Buffet (Mensa)