



Second announcement

EuBerry International Berry School (IBS)

Berries Physiology – Cultivation – Quality – Processing

5 – 8 March 2013

at

Geisenheim Research Center
Geisenheim, Germany

Call for Students
and
Preliminary Program



The course will be held at Geisenheim Research Center, Geisenheim, Germany, and will be divided in plenary lectures, seminar-like lectures and laboratory trainings.

The teaching program will be focused on different aspects of berry crops (strawberry, raspberry and black currant):

- a) physiology of environmental impact on growth and flowering, dormancy and winter hardiness, flower mapping on strawberries incl. manipulation of flower induction for different production systems
- b) plant propagation, pathogen testing and checking for trueness to type
- c) cultivation of berries focused on profitability for farmers (different cultivation techniques, open field versus protected cultivation, double or triple cropping within a year, separation of plant development and fruit production periods), berry availability on the market (incl. out-of-season production) and sustainability of the production (resource inputs and environmental losses)
- d) berry quality as determined by aroma compounds, environment and cultivation technique and effects of berries on human health
- e) berry processing – from black currant fruit to black currant juice incl. an introduction to sensory tests for fresh fruit and juices and black currant juice testing
- f) international view on berry markets

The official language of the workshop will be English.

Application

Any Early-Stage Researcher (PhD, Postdocs) or young professional (technical staff and extension people with a bachelor or master degree) in the berry industry are eligible to apply. Applications are due to 9 February 2013. Submit a 1 page CV including a description of your current or planned research on berry or of your tasks in the berry industry.

The summer school is addressed to 25 -30 persons. Participation will be assigned based on review of applications meeting the criteria of eligibility.

Send applications by 9 February 2013 per Email to E. Krüger - Krueger@fa-gm.de

Fee and accommodation costs

The registration fee will be 90.00 Euro, including lunch for all days and one dinner.

Accommodation will cost 30.00 Euro per night (special offer for the Berry School, in a small hotel at Geisenheim or at Rüdesheim, the village next to Geisenheim), regardless of single or double room. Booking will be done by the organizer after confirmed application.

Teachers

Confirmed list of teachers participating to the summer school:

1. Pauliina Palonen, *University of Helsinki, Helsinki, F* - dormancy and winter hardiness
2. Anita Sønsteby - environmental influence on growth

- | | |
|---|--|
| <i>Bioforsk, Arable Crops, Kapp, N</i> | and flowering |
| 3. Davide Neri
<i>Università Politecnica delle Marche, Ancona, I</i> | - plant architecture |
| 4. Francesca Massetani
<i>Università Politecnica delle Marche, Ancona, I</i> | - plant architecture (training) |
| 5. Christoph Carlen
<i>Agroscope Changins-Wädenswil ACW, Changins, CH</i> | - modern berry cultivation |
| 6. Adam Dale
<i>University of Guelph, Simcoe, Ontario, CDN</i> | - modern berry cultivation |
| 7. Alison Dolan
<i>The James Hutton Institute, Dundee, GB</i>
<i>Fragaria Holland, NL</i> | - plant propagation, pathogen testing
certification scheme |
| 8. Detlef Ulrich
<i>Julius Kühn Institute, Quedlinburg, DE</i> | - berry aroma compounds |
|
Local teachers and trainers | |
| 9. Erika Krüger | - berry quality, sensory analysis |
| 10. Mirjam Hey | - sensory analysis (training) |
| 11. Eike Kaim | - market analysis |
| 12. Helmut Dietrich | - criteria for optimal berry processing,
berry components, anthocyanin
kinetic in juices |
| 13. Michael Ludwig | - juice processing (training) |
| all: <i>Geisenheim Research Center, Geisenheim, DE</i> | |

Additionally, researchers from the different Working Groups of the EuBerry-Project will present results of their current research.

Preliminary Program

Tuesday, March 5

- | | |
|------------------------------------|---|
| 8:30 - 12:00 seminars and lectures | - berry physiology |
| 13:00 - 17:00 Lab – training | - black currant juice/nectar processing |

Wednesday, March 6

- | | |
|-------------------------------------|---------------------|
| 8:30 - 12:00 seminars and lectures | - berry cultivation |
| 13:00 - 17:00 seminars and lectures | - berry cultivation |

Thursday, March 7

- | | |
|------------------------------------|-------------------------------------|
| 8:30 - 12:00 seminars and lectures | - plant quality, plant architecture |
| 13:00 - 17:00 Lab – training | - plant architecture |

Friday, March 8

- | | |
|-------------------------------------|--|
| 8:30 - 12:00 seminars and lectures | - market analyses, berry aroma compounds |
| 13:00 - 17:00 seminars and lectures | - berry quality and human health effects of
berries |

Updates of the program will be available on <http://www.euberry.univpm.it/node/19> or <http://www.geisenheimer-obstbau.de>.

Sponsoring

The organising team of the Berry School and the Coordinator of the EuBerry-Project, Bruno Mezzetti, appreciate the financial support of the Berry School by the following sponsors:

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GFFG, Geisenheim Research Center, 65366 Geisenheim, Germany

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Selters Mineralquelle Augusta-Victoria GmbH, 35792 Löhnberg, Germany

Syngenta, Am Technologiepark 1-5, 63477 Maintal, Germany

VEG-Geisenheim Alumni Association, 65366 Geisenheim, Germany