



## EPSO Workshop and ETNA school on Plant Phenotyping November 2009, Jülich

(deadline for application 11<sup>th</sup> October)

### EPSO Workshop

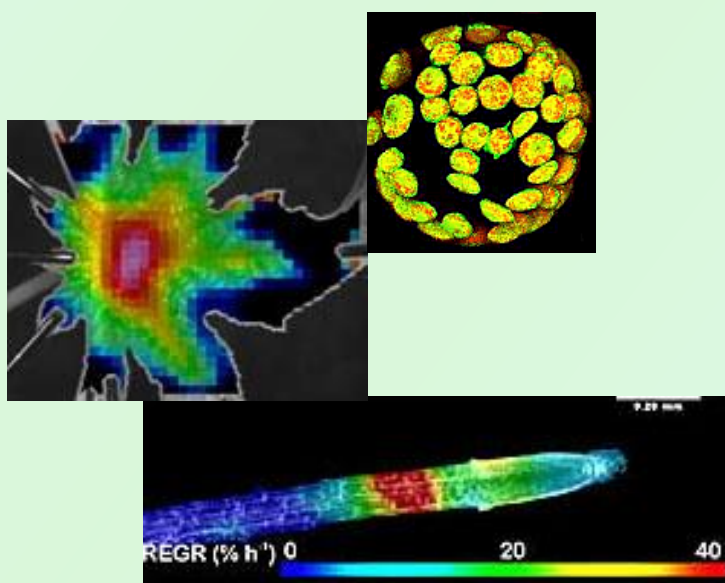
High-throughput phenotyping now becomes essential in screening large number of genotypes in a (semi)-automated way. The Phytosphere Institute at the Forschungszentrum Jülich organizes on behalf of the European Plant Science Organization (EPSO) a two-day workshop on the state of the art in medium to high-throughput plant phenotyping. A range of international experts from Universities, Institutes as well as industry will discuss the progresses made in plant imaging, but also various other techniques used to quantify key plant structure, composition and function. A detailed program of the workshop as well as the subscription costs can be found at

[http://www.plantphenomics.com/phenotyping\\_workshop](http://www.plantphenomics.com/phenotyping_workshop).



### ETNA school

The EPSO workshop is also part of an ETNA school for PhD students and PostDocs. The school allows to get both a theoretical basis and hands-on experience on plant phenotyping. Including the workshop, it lasts 10 days and covers a wide range of aspects, starting with attention for the best way to grow plants, a range of non-invasive imaging techniques, the relation between photosynthesis and chlorophyll fluorescence, hyperspectral imaging, microwave resonance and remote sensing of crops and vegetations, as well as tomographic techniques such as NMR, and positron emission tomography to visualize short-lived isotope transport. A number of these techniques will be applied by the participants in their own dedicated experiments. The weekend will be used to organize various activities for and with the participants. A program of the ETNA school as well as other details can be found at <http://www.plantphenomics.com/ETNA>



The EPSO workshop is sponsored by the EPSO, GFP and Forschungszentrum Jülich. More sponsors welcome.