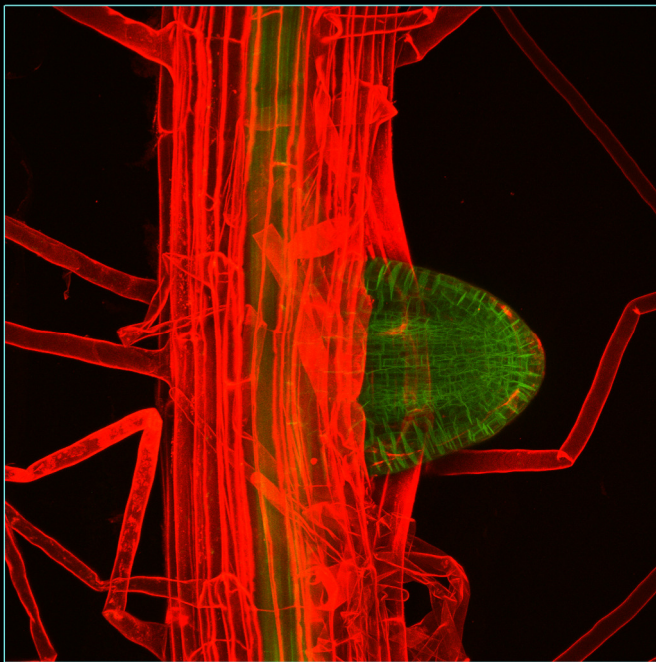


# Plant Bioinformatics, Systems and Synthetic Biology Summer School

University of Nottingham, UK

27 – 31 July 2009



**Target audience:**

Doctoral students from relevant disciplines

**Aims:**

To introduce cutting-edge research in bioinformatics, systems and synthetic biology, applied to plant biology

**Financial support:**

Funding for tuition, accommodation, meals & travel is available for a limited number of students from ESF member countries

**Selection of topics included in the summer school:**

- An Introduction to Bioinformatics Infrastructures
- Structural Bioinformatics
- Data integration for plant systems biology
- Virtual Plants
- Computational Systems Biology
- Mathematical Modeling in Plant Systems Biology
- Comparative and functional genomics
- Bioenergy
- Automated Design in Synthetic Biology
- Design and optimality in photosynthesis and carbon fixation
- Synthetic biology of plants: challenges and accomplishments

**To register:**

<http://lobelia.cs.nott.ac.uk/plantsummerschool>

**Deadline:**

15 June 2009

**Contact:**

plantsummerschool@cs.nott.ac.uk

### List of confirmed invited speakers

Alfonso Valencia (Spanish National Center for Cancer Research)

Jaime Prilusky (Weizmann Institute of Science)

Christophe Godin (INRIA)

Paola Quaglia (COSBI)

John King (University of Nottingham)

Marie-Theres Hauser (University of Natural Resources and Applied Life Sciences, Vienna)

Katherine Smart (University of Nottingham)

Alfonso Jaramillo (Ecole Polytechnique, France)

Ron Milo (Weizmann Institute of Science)

Mauricio Antunes (Colorado State University)

### Venue for lodging, lectures and laboratory demonstrations:

University Park Campus & Jubilee Campus, University of Nottingham

