



# Interdisciplinary Programme for Cellular Regulation

THE UNIVERSITY OF  
**WARWICK**

## Mathematical modelling of plant development and gene networks

*Funded by the Gatsby Charitable Foundation*

**Organisers: Enrico Coen and Andrew Millar**

**Wednesday 26th to Friday 28th May 2004**

### **Confirmed speakers:**

**Paul Brown** (Warwick)

*Experimentalist-friendly simulation software*

**Fumiaki Katagiri** (Minnesota)

*Plant systems biology*

**Philip Maini** (Oxford)

*Mathematical analysis of tumour growth*

**Jerzy Nakielski** (Silesia)

*Modelling root development*

**Steve Oliver** (Manchester)

*Systems biology in yeast*

**Przemek Prusinkiewicz** (Calgary)

*Architectural models of flower development*

**Judith Roe** (Kansas)

*Models of gene circuit controlling flowering time*

**Maria Schilstra** (Hertfordshire)

*Genetic network building software*

**James Sharpe** (Edinburgh)

*3D imaging and modelling of vertebrate limb development*

**José Vilar** (Rockefeller, New York)

*Mathematical analysis of gene circuits*

**Cornelis Weijer** (Dundee)

*Modelling and experiments on Dictyostelium and chick development*

**Lorenz Wernisch** (Birkbeck)

*Network inference from microarray data*



*Image courtesy of Dr. Przemek Prusinkiewicz*

*For further information contact Elaine Procter at the  
Mathematics Institute, University of Warwick, Coventry CV4 7AL*

*Email: [ipcr@maths.warwick.ac.uk](mailto:ipcr@maths.warwick.ac.uk)*

*Phone: +44 (0)24 7652 8321*

*Fax: +44 (0)24 7652 4182*