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**Topic:** NCSB-NISB project: vacancy for a project member

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The Netherlands Institute for Systems Biology (NISB) and Centrum voor Wiskunde & Informatica (CWI) invite applications for the position of a

## Project member (four years)

### Job description

The project member will join a team of motivated postdocs and PhD students who study biological systems using quantitative and predictive models and multiscale computer simulations. Topics include blood vessel growth, plant development, genetic regulatory networks and metabolic networks in a multicellular context. He/she will develop innovative research codes in collaboration with the postdocs and PhD students, and turn new and existing research codes into more widely applicable, well-documented, and user-friendly modelling tools.

Hours on a weekly basis: 38

### Location

The work will be embedded in the Biomodelling and Biosystems Analysis group of the Netherlands Institute for Systems Biology (NISB; [www.sysbio.nl](http://www.sysbio.nl)) and within the Life Sciences group of the Centre for Mathematics and Computer Science (CWI, [www.cwi.nl](http://www.cwi.nl)) in Amsterdam. As the "core modelling group" of the Netherlands Consortium for Systems Biology, the Biomodelling and Biosystems Analysis group develops quantitative and predictive models and multiscale computer simulations in collaboration with systems biology groups at participating institutes.

### Competences

Candidates ideally fulfil the following criteria:

- ✓ A strong scientific background, e.g. an M.Sc. or PhD in computer science, mathematics, theoretical biology or physics, or equivalent experience
- ✓ Able to communicate with scientists in biology and mathematics
- ✓ Excellent programming skills in C++ or equivalent; experience with object-oriented design
- ✓ Experience with scientific simulation and GUI-design is a pre

### Offer

The vacancy concerns a temporary position for four years. Salary and terms of employment are in accordance with the "CAO-onderzoekinstellingen" and based on qualifications. Besides the salary and excellent working conditions, CWI offers attractive and flexible terms of employment, like a collective health insurance, pension-fund, and initial help with housing for foreigners. The position is for 38 hrs/week.

### Information

Direct requests for information or applications before 2008 December 15 to:

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