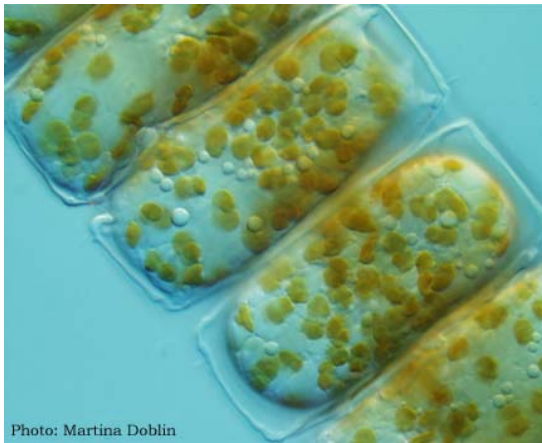


# UTS: PAM FLUOROMETER WORKSHOPS

## SPECIALIST WORKSHOP



At University of Technology Sydney, we offer one of the most comprehensive suites of fluorometer training courses in the Southern Hemisphere. We have postgraduate students applying most of these fluorometers to advanced research applications ranging from photokinetics of Antarctic sea-ice algae to understanding the photosynthetic weakness of corals when exposed to bleaching conditions. The Aquatic Photosynthesis Group has over 10 years of experience in applied use of PAM fluorometers and over 40 internationally published research articles based on this technology.

We offer practical hands-on training workshops in all aspects of use and understanding of PAM fluorometers; Associate Professor Peter Ralph has run six PAM training courses throughout Australia and internationally.

We currently offer two PAM training courses; the introductory workshop and specialist workshop.

### SPECIALIST WORKSHOP

We can arrange specialist training for all PAM instruments as listed.

- Water-PAM
- Imaging-PAM (Maxi)
- Diving-PAM
- Microscopy-PAM
- Microfibre-PAM
- Mini-PAM
- Toxy-PAM
- Phyto-PAM

### ENTRY REQUIREMENTS

Attendees are assumed to have basic understanding of the PAM principles (equivalent to our Introductory Workshop). The content of these workshops are tailored to the users requirements and could include small research project under supervision. If the applicant does not have fundamental background in fluorescence, then it is recommended that they attend the two-day introductory workshop before developing further knowledge with a specialist instrument.

**COST:** A\$200 per-person for 2 days

**VENUE:** UTS City Campus, Broadway.

### LEARNING ENVIRONMENT

Specialist training workshops are usually for smaller groups with specific issues and requirements. As such they are negotiable and can be arranged according to the number of attendees. Please contact Peter Ralph to check for availability and specific needs.

Attendees will be provided with examples of typical PAM applications, as well as considering the appropriate analysis of the data. It is best if the attendee send a brief outline of their anticipated application of the PAM, so the tutor can focus discussion in areas of interest to the workshop attendees. Copyrighted training material will be provided. Client-site training is also available as required.

### HOW TO REGISTER?

Download the registration form from [www.shortcourses.uts.edu.au/pub/searchform.php](http://www.shortcourses.uts.edu.au/pub/searchform.php) (use keyword Science or PAM) and fax the completed form to 02 9514 1656

### MORE INFORMATION?

Contact: Dr Peter Ralph  
Faculty of Science,  
University of Technology, Sydney  
Phone: 9514 4070  
Email: [Peter.Ralph@uts.edu.au](mailto:Peter.Ralph@uts.edu.au)