



**NEW ZEALAND PHYSICS  
AND  
ENGINEERING IN MEDICINE**

***NZPEM 2010***

**24-26 November 2010**

**The Hunter Centre  
Cr Gt King & Frederick Streets  
Dept of Health Sciences  
University of Otago  
Dunedin**

**REGISTRATION  
AND  
CALL FOR PAPERS**

**THE ANNUAL CONFERENCE OF THE AUSTRALASIAN  
COLLEGE OF PHYSICAL SCIENTISTS AND ENGINEERS IN  
MEDICINE  
(NEW ZEALAND BRANCH)**

## INVITATION

Dunedin members of the New Zealand Branch of the ACPSEM invite you to the annual NZPEM 2010 Conference to be held at The Hunter Centre, cnr Gt King and Frederick St, Dept of Health Sciences, University of Otago, Dunedin. The Hunter Centre is adjacent to Dunedin Hospital and the conference aims to start at 1.00pm on Wednesday 24<sup>th</sup> November and will finish at 2:00pm on Friday 26<sup>th</sup> November. Registration will be available from 11:00pm on the Wednesday and lunch will be provided from 12:00pm.

## SCIENTIFIC PROGRAMME

Papers are invited on the following topics:

- ❖ Radiation therapy physics
- ❖ Radiation protection – ionising and non-ionising
- ❖ Radiology and Medical Imaging
- ❖ Biomedical engineering
- ❖ Physiological monitoring
- ❖ Applications of engineering and physics to medicine

Papers may be presented in general sessions (20 minutes duration including discussion time) or as part of a workshop. Workshops may operate in parallel for those topics where sufficient interest has been indicated. Participants are invited to suggest topics for workshops (in part or as a whole) and are encouraged to contribute to these forms of continuing medical education (see below).

## WORKSHOPS

The workshops are intended to provide a forum for discussion of scientific, professional, regulatory and academic issues. The level of interest shown by registrants will determine the final choice of the workshops. If you have a particular topic you wish to discuss please indicate this on the enclosed registration form. Registrants are encouraged to submit discussion documents and/or make informal presentations at the workshops.

Some possible workshop topics could relate to :

- ❖ Quality Assurance and testing of digital radiography and mammography
- ❖ Implementation of PACS systems
- ❖ TEAP
- ❖ Accreditation and Professional issues
- ❖ Implementation and commissioning of emerging technologies eg IMAT

## TEAP REGISTRARS

A special one-day workshop for Oncology TEAP registrars is planned for the Tuesday before the conference. The topic of this will be the role of the medical physicist in IGRT, and it is intended for the registrars to gain

knowledge and hands-on experience of both 2-D and 3-D image acquisition systems and techniques.

### **CONFERENCE DINNER**

The Conference dinner event on Wednesday evening will be an excursion on the world-renowned Taieri Gorge Railway followed by a meal at Middlemarch. The train will depart from Dunedin railway station at 5:30 sharp.

### **ACCOMMODATION**

A form listing some of the many accommodation options near Dunedin Hospital is attached. Delegates will be responsible for arranging their own accommodation although Dunedin members will try to assist if specifically asked.

### **ABSTRACTS**

Information on the deadline and format of abstracts is on the next page.

### **FEES**

For registrations received prior to 1 October, the fee, including morning and afternoon teas, lunches, conference dinner and a light breakfast on the Friday morning prior to the Branch AGM will be \$225. For retired members and students this is reduced to \$145. The fee for accompanying persons to attend the conference dinner excursion is \$125. For registrations received after 1 Oct the relevant fees will be \$275, \$195 and \$175 respectively.

### **REGISTRATION**

A registration form is enclosed. Please complete and return as soon as possible. Remember early bird registrations must be received by Monday 1st October.

Registration forms and cheques (made out to "ACPSEM (NZ) Conference Account") should be sent to:

Matthew Paris  
Conference Convenor  
NZPEM 2010  
Medical Physics Dept  
Dunedin Hospital  
201 Great King Street,  
Dunedin

## NZPEM 2010 CONFERENCE ABSTRACT INFORMATION

Abstracts will only be accepted as an e-mail attachment in Microsoft Word format. Please email your abstracts to:

[nzpem2010@southerndhb.govt.nz](mailto:nzpem2010@southerndhb.govt.nz)

All abstracts need to be received by Friday 5th November.  
N.B. Please indicate any special audio-visual requirements in the e-mail.

Please limit your abstract to one A4 page including any diagrams or references. Abstracts should be concise and informative – covering methods, principal results and main conclusions.

The preferred font is Times New Roman, 12 point, and the Abstract should include the following information:

Title	CAPITAL LETTERS, bold font
Authors	Normal font ( <u>underline</u> the presenting author)
Department/Institution departments/institutions	Normal font, <sup>superscript</sup> multiple
Main text	Single line spacing

Example:

### **PHYSICS AND THE MEANING OF LIFE**

Jane Physicist<sup>1</sup>, Clive Clinician<sup>2</sup>, Maurice Mentor<sup>1</sup>

<sup>1</sup>Department of Medical Physics, Icon Institute

<sup>2</sup>Department of Radiology, Ultimate Radiological Institute

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## ACCOMMODATION INFORMATION

The following are a few places fairly close to the Hunter Centre and Dunedin Hospital:

Name	Price range	Distance to conference	Contact Details		Notes
			Phone	Website	
Bluestone on George	\$150 -200	700 m	03 477 9201	<a href="http://www.bluestonedunedin.co.nz/">www.bluestonedunedin.co.nz/</a>	Executive apartments
Alexis Motor Lodge	\$115 - \$195	350 m	03 471 7268	<a href="http://www.alexis.co.nz/">http://www.alexis.co.nz/</a>	State you are here for the medical physics conference through the hospital at the time of booking to get discounted prices.
Hulmes Bed and Breakfast	\$75 - \$110	1.2 km	03 477 5319	<a href="http://www.hulmes.co.nz/">http://www.hulmes.co.nz/</a>	1870's Victorian Mansion. Includes Continental breakfast
Scenic Circle Hotel	From \$120	1.2 km	03 470 1470	<a href="http://www.scenichotelgroup.co.nz">www.scenichotelgroup.co.nz</a>	
Mercure Hotel	\$120 - \$280	1.3 km	03 477 1145	<a href="http://www.accorhotels.com/gb/hotel-5699-mercure-dunedin">www.accorhotels.com/gb/hotel-5699-mercure-dunedin</a>	
Allan court Motel	\$135 - \$160	650 m	03 477 7526	<a href="http://www.allancourt.co.nz">www.allancourt.co.nz</a>	Free wireless Internet
Central Backpackers	\$25 for a dorm to \$65 for private room	650 meters	0800 4 central	<a href="http://www.centralbackpackers.co.nz/">http://www.centralbackpackers.co.nz/</a>	Free wireless Internet