



The 14th International Conference on  
Vacuum Ultraviolet Radiation Physics

# Program and Abstracts

## VUV14 - Program and Abstracts 2004

### VUV 14 Program Overview

	Monday 19 July	Tuesday 20 July	Wednesday 21 July	Thursday 22 July	Friday 23 July
	Hall A	Hall A	Hall A	Hall A	Hall A
	Rooms 1/2	Rooms 1/2	Rooms 1/2	Rooms 1/2	Rooms 1/2
8.30	Opening	Source Symp. Larkins Baldern Garrett	Plenary Dinner Ajello	Plenary Campuzano Martin	Solids / Surf. 5 Lundgren Yeom
9.00	Plenary Charalambidis				Photoexc. Hammond Azuma
9.30	Plenary Sornlag	Eberhardt Gluskin Flavell Gerber	Solids / Surf. 2 Larsson Heimann Paoliceili	Solids / Surf. 3 Parrigianni Hatta Rosenburg	Sakamoto Sotiley
10.00					Plenary Hitchcock
10.30	Morning Tea and Exhibition Halls C / D	Morning Tea and Exhibition Halls C / D	Morning Tea and Exhibition Halls C / D	Morning Tea and Exhibition Halls C / D	Closing
11.00		Magnetism 1 Smith Hara Morin Prinze Cavell Discussion	Poster Session 2 Halls C / D	Poster Session 3 Halls C / D	Optional Half Day
11.30	Poster Session 1 Halls C / D				Optional Day
12.00					Excursions
12.30					
13.00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	
13.30					
14.00	Solids / Surf. 1 Shirley Agaker S. Fujimori Masciocochio	Magnetism 2 Arenholz Kimura Weschke Ameniya	Magnetism 3 A. Fujimori Takeuchi Rader Mannella	Nanostructures Wurth van Buuren Schmitt Sham Pelaccia	
14.30	Imaging Nugent McNulty	Soft Matter Luo Cai	Photodiss. Ubachs Lefebvre-Brion Wu Kavanagh Cosby	Photolon. 2 Saito Perent Cherepkov	
15.00	Afternoon Tea and Exhibition Halls C / D	Afternoon Tea and Exhibition Halls C / D	Afternoon Tea and Exhibition Halls C / D	Afternoon Tea and Exhibition Halls C / D	
15.30		Correl. Mat. 1 Chen Shin Okada Kornoda	Correl. Mat. 2 Flavell Sakiyama Chikamatsu Inada Durr	Solids / Surf. 4 Soukassian Tadich Woodley Okuda Tsunekawa	
16.00	Microscopy Larabell Lerotic Kishinova	Alt. Sources Klisanick Eikema Nashiev O'Sullivan	Dynamics Drescher Miron Yamanouchi	Photoion. 3 Kuikk Rollis Kosugi Meyer Adachi	
16.30					
17.00					
17.30	Poster Session 1 Halls C / D	Welcome Reception Halls C / D	Poster Session 2 Halls C / D	Poster Session 3 Halls C / D	Optional Full Day Excursion (Reef Trip)
18.00		Public Lecture Seymour	Conference Banquet Cairns Int. Hotel 19.00 - 23.00		
18.30					
19.00					

Sunday July 18

Registration  
and  
Drinks

19.00

We wish to thank the following for their contribution to the success of this conference.

## Major Sponsors

Innovation Access Programme-  
International Science and Technology  
(under the Australian Government's  
innovation statement, *Backing  
Australia's Ability*)

State Government of Victoria

The Australian National University

## Sponsors

Australian Synchrotron Research  
Program

Australian Institute of Physics

Air Force Office of Scientific  
Research, Asian Office of  
Aerospace Research and  
Development

Army Research Office Far East

Office of Naval Research  
International Field Office

John Hindmarsh (ACT) Pty. Ltd.

The Ian Potter Foundation

Coherent Scientific Pty. Ltd.

Lambda Physik GmbH

Elsevier BV

Optical Society of America

Danfysik A/S



**Conference and Organizing Chair:**  
Brenton Lewis (ANU)

**International Advisory Board Chair:**  
Shigemasa Suga (Osaka)

**International Program Committee  
Chair:** John West (Daresbury)

## Local Organizing Committee

K. Baldwin (ANU)  
S. Cavanagh (ANU)  
D. Creagh (UCan)  
R. Garrett (ASRP)  
S. Gibson (ANU)  
C. Glover (ANU)  
A. Kheifets (ANU)  
M. Kono (ANU)  
F. Larkins (UMelb)  
B. Lewis (ANU)  
F. Mills (ANU)  
B. Neame (CONSEC)  
M. Ridgway (ANU)  
R. Robson (ANU)  
T. Senden (ANU)  
J. Sullivan (ANU)  
M. Vos (ANU)  
E. Weigold (ANU)  
J. West (Daresbury)  
T. Wetherell (ANU)  
R. White (JCU)

## International Advisory Board

S. Bobashev (Russia)  
C. T. Chen (Taiwan)  
K. Codling (UK)\*  
W. Eberhardt (Germany)  
E. Gluskin (USA)  
A. Hitchcock (Canada)  
T. Ishii (Thailand)\*  
V. Ivanov (Russia)  
P. D. Johnson (USA)  
F. Larkins (Australia)  
C. J. Latimer (UK)  
G. Margaritondo (Switzerland)  
P. Morin (France)  
J. Nordgren (Sweden)  
S. Oh (Korea)  
P. Perfetti (Italy)  
J. Samson (USA)\*  
T. Sasaki (Japan)\*  
K. Seki (Japan)

D. Shirley (USA)\*  
E. L. Shirley (USA)  
K. Siegbahn (Sweden)\*  
B. Sonntag (Germany)  
S. Suga (Japan)  
D. P. Woodruff (UK)  
A. Yagishita (Japan)  
X. Zhang (China)  
\* *Honorary Member*

## International Program Committee

H. Ade (USA)  
L. Avaldi (Italy)  
N. Berrah (USA)  
J.-M. Bizau (France)  
J.-C. Campuzano (USA)  
J. Costello (Ireland)  
G. de Souza (Brazil)  
D. Ederer (USA)  
J. Eland (UK)  
C. Fadley (USA)  
W. Flavell (UK)  
P. Hatherly (UK)  
U. Heinzmann (Germany)  
J. Hepburn (Canada)  
F. Himpel (USA)  
Y. Hwu (Taiwan)  
C. Jacobsen (USA)  
A. Kakizaki (Japan)  
L. Karlsson (Sweden)  
T. Koide (Japan)  
N. Kosugi (Japan)  
G. Le Lay (France)  
D. Lindle (USA)  
L. Malegat (France)  
S. Manson (USA)  
N. Mårtensson (Sweden)  
K. Mitsuke (Japan)  
A. Moewes (Canada)  
K. Nugent (Australia)  
H. Padmore (USA)  
P. Pianetta (USA)  
G. Rossi (Italy)  
R. Stockbauer (USA)  
A. Stolow (Canada)  
S. Stranges (Italy)  
M. Taniguchi (Japan)  
K. Ueda (Japan)  
E. Umbach (Germany)  
J. West (UK)  
F. Wuilleumier (France)

Committees