RMIT Scientific Photography is pleased to present the Seventeenth Annual Scientific Imaging Seminar. This seminar provides a forum for the final year students in the Bachelor of Science (Scientific Photography) program to present their major projects, as well as introduce themselves to their future colleagues in industry. This seminar represents only a portion of the final year work that also includes a major exhibition of photographs. It is with pleasure that we offer the following program.

**Wednesday, 31 October 2007**

**9:30 AM**  
Coffee/Tea and Donuts

**9:55 AM**  
Welcome and Introduction  
Mr Gale E Spring,  
Associate Professor of Scientific Photography, Program Leader,  
Scientific Photography

**10:00 AM**  
The digital infrared SLR and its application in art conservation  
Ms Kathryn Marshall

**10:20 AM**  
Analysis into the ultraviolet imaging capabilities of the Fuji Finepix S3 pro IR/UV camera  
Mr Francis Lapuz

**10:40 AM**  
The impact of photographic flash on works of art  
Ms Seleney Dyamond

**11:00 AM**  
Characterisation of electronic flash units for high speed video applications  
Ms Tory Potgieter

**11:20 AM**  
BREAK

**11:40 AM**  
A photographic study of table tennis surfaces and ball control  
Ms Kate Dimsey

**12:00 PM**  
Visualisation of convective airflow in architecture models  
Ms Jessica Griffiths

**12:20 PM**  
An application of particle image velocimetry (PIV) methods to tuft grid flow field studies  
Ms Karina Bradilovic

**12:40 PM**  
LUNCH (not provided)

**1:40 PM**  
Investigation into the correlation between temperature and noise in CCD imaging  
Ms Georgia Nelson

**2:00 PM**  
Face recognition and the dark adapted eye  
Ms Zara Parker

**2:20 PM**  
Investigating JPEG compression for archiving  
Ms Cielo Fenn

**2:40 PM**  
Exposure manipulation within a digital system  
Ms Lesley Pain

**3:00 PM**  
BREAK

**3:20 PM**  
A characterisation of black and white performance in digital and film capture  
Mr Marcel Lee

**3:40 PM**  
Colour controlled illumination using LEDs for transmission holography  
Mr James Smith
4:00 PM  Evaluation of LEDs for onboard lighting in automotive crash test photography
Ms Vanessa Morgan

4:20 PM  Qualitative assessment of the Nikon 105 mm vibration reduction (VR) macro lens for field photomacrophotography
Ms Le Yip

4:40 PM  Printing the Past: creating a digital printing method emulating albumen prints of the 19th century
Ms Boheme Rawoteea

The 2007 Graduates of RMIT Scientific Photography present:

INVISIBLE

FIRST SITE Gallery, 344 Swanston Street, Melbourne

Industry Preview Thursday 25th October 7.30PM - 9.30PM

Awards Night Thursday 1st November 7.30PM - 9.30PM

Public Viewing Friday 26th October - Saturday 3rd November

Opening Hours Monday to Friday 11.00AM to 5.00PM
Saturday and Sunday 1.00PM to 5.00PM

City Library Projection Exhibition 16th - 30th November

City of Melbourne