



Special School Seminar - 20 March

Structured light and structured surface plasmon polaritons from metasurfaces - Professor Federico Capasso

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School Seminar Program - 19 March

Positrons and DNA - Dr Josh Machacek

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Welcome

Electric Materials Engineering welcomes [A/Professor Lino Pereira](#), who will be visiting Prof Mark Ridgway for six months.

Nonlinear Physics Centre welcomes [Dr Alexey Yulin](#), who will be visiting for one month.

Staff Movements

Prof Andrew Stuchbery, HoD Nuclear Physics, will be overseas 17 – 30 March 2015. Prof Mahananda Dasgupta will be Acting HoD.

Petra Rickman, DA, Nuclear Physics, will be away 16 March – 10 April 2015. Heather Leasor will be helping out the Department Mondays and Fridays until Petra's return.

Physics PhB Program

Mentors required: This year we have 15 new PhB students that have requested an academic mentor from Physics (a little up on the 2014 numbers). I have already approached some staff who have agreed to be mentors (thanks!) but still need several more. Pls email me if you could assist.

This should not be a heavy burden time-wise - ideally should you to meet with the student a few times a year to assist them with their academic choices and chat. It helps break down barriers between students and academics and provides the student with another person to help them navigate their relatively complex PhB degree. I'm happy to provide additional information if ppl require.

Physics PhB Lunch and School Tour: I will be hosting a pizza lunch for all the Physics PhB students this coming Thursday 19th March 1- 1:30pm . All staff who mentor (or supervise) a PhB student are welcome to attend and to use this as an opportunity to touch base with their student.

I have promised to arrange a short tour (~1 hr) of a few labs after this lunch. If you would be interested to show the students around your lab pls let me know.

Thank-you, [Jodie Bradby](#)

School Manager

The search process for the new Director now enters its final stages with the final interviews scheduled for the morning of Tuesday 17th March.

The School community will have an opportunity to get acquainted with the candidates through sessions scheduled for Monday 16 March. These include: a presentation by each candidate in the morning at the Finkel Lecture Theatre (9



am-1 pm) followed by meetings with stakeholder groups in the School.

A timetable for the day's events has been circulated and is available for viewing on the School's display screens. A questionnaire to provide feedback on the candidates has also been circulated. Professor Yuri Kivshar is the Chair of the RSPE Liaison Committee and other members include Professors Ping Koy Lam, Rob Elliman and Rod Boswell, Dr.s Andrew Truscott, Horst Punzmann and Vanessa Robins and Mr Rana Ganguly. They are available for any clarifications or feedback pertinent to this process.

OH&S



OH&S Training

The following OH&S training courses will be running soon:

- * Corrosives (OHSA07) - 17 March
- * Occupational strains prevention (OHSG07) - 18 & 25 March

Departmental seminars

Professor S. Tom Picraux - 23 March

"Little Wires – Big Challenges. Can Si nanowires help solve our energy problems"

» [read more](#)

Professor John Sipe - 24 March

Measuring and calculating quantum states of light: Two suggestions

» [read more](#)

Professor Laura Herz - 31 March

Energy transfer in bio-mimetic molecular nanorings

» [read more](#)

Dr Michael Johnston - 1 April

High Electron Mobility and 4ns Photoconductivity Lifetimes in Modulation Doped GaAs Nanowires

» [read more](#)

The United Uranium Scholarship

50th Anniversary of the United Uranium Scholarship (\$10,000); deadline 12 May 2015

[The United Uranium Scholarship](#) is open to 'promising young scientists' in a science-related discipline in the field of nuclear energy who want to extend their development in nuclear science and technology and who work/study in an Australian organisation or institution. The applicant must also be an Australian citizen.

The recipient of the scholarship will receive up to AUS\$10,000; an increase by AUD\$4,000 for the special occasion of the 50th anniversary of the scholarship and two scholarships will be made available.

The United Uranium Trust Fund was established in 1966 for "the promotion and encouragement of scientific research and education in the field of atomic energy". In accordance with the Deed, the United Uranium Scholarship is awarded to 'promising young scientists' from any Australian organisation or institution whose research or work is in the field of nuclear energy. Download the [application form](#) and [guidelines](#) from ANSTO.