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# A unique, 'in depth' analysis of forest inner canopy light environment

Wednesday 13 March 2013 1pm

**Dr. Michael Leuchner** Professor for Physical Geography / Landscape Ecology,  
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**Slatyer Seminar Room** R.N. Robertson Building (Bldg. 46) Linnaeus Way, ANU



Solar radiation plays a key role for growth and competition in plant ecosystems. It interacts with biomass by supplying phytoelements with the necessary energetic input for photosynthesis. Growth processes are triggered by the spectral composition of incoming radiation. The distribution of radiation quality and quantity within plant stands is spatially and temporally highly variable and was investigated with a unique measuring system at high spectral, spatial and temporal resolution. The system setup, as well as the most important results, regarding the three-dimensional spectral radiation distribution and its interaction with biomass in a mixed beech-spruce stand will be presented.

Presented by

Research School of  
Biology

ANU College of  
**Medicine, Biology  
& Environment**

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This lecture is free and open to the public

Plant Science Seminar Series information:  
[biology.anu.edu.au/News/Events.php](http://biology.anu.edu.au/News/Events.php)

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