

## Information

Location: Room B1.62  
Riddet Complex B  
Riddet Road  
Massey University  
Palmerston North

Contact: John Edwards  
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Email: [J.Edwards@Massey.ac.nz](mailto:J.Edwards@Massey.ac.nz)

Workshop fee: Free to all current Massey University staff  
and students and members of EWB. For  
others the workshop fee is \$50.

Morning and afternoon teas are provided, lunches are  
the responsibility of the participants.

You are required to pre-register for the workshop,  
preferably by email: [J.Edwards@Massey.ac.nz](mailto:J.Edwards@Massey.ac.nz)

## Appropriate Technology Workshop

Massey University  
Palmerston North

Saturday 18 February – Sunday 19 February 2017



MASSEY UNIVERSITY  
ENGINEERING



## Saturday 18 February

### Time Topic

- 9:00 Introduction to Appropriate Technology  
*Presenter: John Edwards*
- 9:30 Investment Casting in a Developing World Context  
*Presenter: Greg Frater*
- 10:30 Morning tea
- 11:00 Small-Scale Hydro Power  
*Presenter: John Edwards*
- 12:00 Lunch
- 1:30 Biochar Production and Soil Amendment in a Developing World Context  
*Presenter: Georg Ripberger*
- 2:15 Pumping Water with Appropriate Technology  
*Presenter: John Edwards*
- 3:00 Afternoon Tea
- 3:30 Pumping Water (application)  
*Presenter: John Edwards*
- 4:00 Demonstration of Pelton wheel and Francis turbine  
*Presenter: Nadeem Caco*

## Sunday 19 February

### Time Topic

- 9:00 Low-Cost Solar Hot Water Heater  
*Presenter: John Edwards*
- 9:45 Salt Gradient Solar Ponds  
*Presenter: Zuban Weeds*
- 10:30 Morning tea
- 11:00 Evaporative Cooling Refrigeration  
*Presenter: Fadhil Rahim*
- 12:00 Lunch
- 1:30 Cooking with Appropriate Technology  
*Presenter: John Edwards*
- 3:00 Afternoon tea
- 3:30 Application and Effectiveness of Appropriate Technology  
*Presenter: John Edwards*

Please note this programme may be subject to change.