

## Program

The workshop will be held in **Theatre 3, Level 1, Alan Gilbert Building**. Morning tea, lunch and afternoon tea will be served in the **Executive Lounge, Level 1, Alan Gilbert Building**.

	<b>Wednesday Bushfires in complex flows and topography</b>	<b>Thursday Bushfires and turbulent flows</b>	<b>Friday Bushfire combustion</b>
<b>9.15 - 9.20</b>	Welcome		
<b>9.30 - 10.00</b>	David Packham (Monash U) Why are we doing this?	Jason Sharples (UNSW) Review of empirical fire spread models	Kevin Tolhurst (U Melbourne) Fire spread simulations with Phoenix
<b>10.00 - 11.00</b>	Invited Speaker Terry Clark Coupled atmosphere fire modelling	Invited Speaker Rod Linn (Los Alamos) Physical fire modeling, turbulent flows and convective plumes	Invited Speaker Elaine Oran (NRL) Aspects of combustion important to wildfires
<b>11.00 - 11.30</b>	Break	Break	Break
<b>11.30 - 12.30</b>	Invited Speaker Terry Clark Coupled atmosphere fire modelling	Invited Speaker Rod Linn (Los Alamos) Physical fire modeling, turbulent flows and convective plumes	Invited Speaker Elaine Oran (NRL) Aspects of combustion important to wildfires
<b>12.30 - 1.00</b>	Discussion	Discussion	Discussion
<b>1.00 - 2.00</b>	Lunch	Lunch	Lunch
<b>2.00 - 2.30</b>	Graham Mills (BoM) The fire creates its own weather?	Callum Atkinson (Monash U) The role of 3D measurements in the understanding of turbulent boundary layers	Lex Smits (Princeton U) Laboratory studies of fire whirls
<b>2.30 - 3.00</b>	Todd Lane (U Melbourne) Dynamics of localized enhancements to fire danger	Daniel Chung (U Melbourne) Lessons learnt from large eddy simulation of planetary boundary layers	Jason Sharples (UNSW) Coupled atmosphere fire simulations
<b>3.00 - 3.30</b>	Break	Break	Break
<b>3.30 - 4.00</b>	Jeff Kepert (BoM) Meteorological aspects of the Prevelly Park prescribed burn	Nic Gellie (DSE) What mix of fire, terrain, and atmosphere produces intense pyroconvection? - case studies from Australia, US, and Canada.	Discussion and wrap up
<b>4.00 - 4.30</b>	Michael Reeder (Monash U) Modelling Black Saturday	Andrew Sullivan (CSIRO) Towards the next generation of fire spread models	
<b>4.30 - 5.00</b>	Discussion	Discussion	
<b>6.30</b>	Workshop Dinner: Café Italia (56/66 University Street, Carlton).		