

# Come for a Shocking Night Out!



Family Science Show

## Electricity and Lightning

Wednesday February 29, 2012  
7.00-8.00 p.m.

Warwick State High School  
(The Hall)



For Keen Science Students (Primary and Secondary) and Parents/Guardians

### Increase your Interest and Enjoyment in Learning

- What is the difference between volts and amps? Which one is deadly? Does a lightning flash travel upwards or downwards? Why shouldn't you lie down on the ground when there is a thunder storm around? Why do so many people die unnecessarily after an electrical accident or being struck by lightning? And more.

### Highly Visual and Entertaining

- See the long sparks from a one-half-million-volt Tesla coil, the effect of electricity on your muscles (ouch!), how lightning caused an Italian church to explode, what happens when lightning strikes a car, and more, and hear some fascinating stories involving lightning.

### Examine Interesting Phenomena Using Equipment That is Not Readily Available

- Study different types of lightning strikes to people and other animals, ways to protect yourself from being struck by lightning, why lightning can affect different types of trees in different ways, and more.

Cost: \$12 per person (includes GST).

**Presenter:** Dr Peter H. Eastwell

Director, Science Time Education ([www.ScienceTime.com.au](http://www.ScienceTime.com.au)) and Editor, *The Science Education Review*, [www.ScienceEducationReview.com](http://www.ScienceEducationReview.com)

As numbers are limited, places need to be filled on a first-in basis.



### Registration

To book, please email the name(s) of those in your group wishing to attend, as well as the name of your school, to [warwick@sciencetime.com.au](mailto:warwick@sciencetime.com.au) by **February 24**. If places are still available, you will receive a return message to facilitate payment by credit card via PayPal (you do not need to be a member of PayPal) or your PayPal balance. Cost is \$12 per person. In the event that no further places are available, you will receive a message indicating this.