LTAV

Laboratory Technicians' Association of Victoria Inc.

LABCON2025

Pullman Melbourne On The Park
192 Wellington Parade East Melbourne

13 & 14 November 2025

Bringing Excellence to Science Education

The Conference specifically for Laboratory Technicians

REGISTRATION NOW OPEN

Laboratory © Janpietruszka | Dreamstime.com

Why you should attend **LABCON2025**

LABCON2025 enables you to hear from two keynote speakers, select up to 10 workshops to attend and see the latest equipment and tools available to lab techs.

- **Meet with your colleagues to discuss all the issues that are an everyday part of our profession**
- **Get to know your suppliers by visiting the various displays whilst at LABCON**
- **Enjoy the chance to socialise with your colleagues during the catering breaks**
- **Attend the conference dinner on Thursday evening**

Registration Information

How to Register

Register ONLINE: www.ltav.org.au
EMAIL: info@margscarlett.com
POST: PO Box 208, Lynbrook VIC 3975
Or **SCAN the form and EMAIL to:** info@margscarlett.com
Complete all sections of the form. This includes your details, workshop selection and ensure you provide more than one choice as workshops book out very quickly.

Registration Payment

You can pay in one of three ways:

1. Provide a school purchase order number on your registration form
2. Credit Card payment online**:** www.ltav.org.au
3. EFT Direct Debit into the LTAV Account:
   Bank: Commonwealth Bank of Australia, Warragul
   BSB: 063532 Account Number: 10401068
   Account Name:
   Laboratory Technicians Association of Victoria Inc.
   Note: EFT payments – it is IMPORTANT that you email your EFT advice to info@margscarlett.com

Accommodation

Pullman Melbourne On The Park, 192 Wellington Parade, East Melbourne

Pullman Melbourne On The Park
Room Only $279 per room per night

Pullman Melbourne On The Park
Includes Breakfast – single $309 double/twin $339 per room per night

Conference Dinner

The dinner this year will be held at Pullman Melbourne On The Park in the Grand Ballroom.

Attendance at the conference dinner on Thursday evening is complimentary for workshop presenters who have pre-registered.

Cancellation Policy

All cancellations must be made in writing to the Conference Secretariat. Cancellations received prior to the registration deadline of **15 October 2025** will receive a refund less an administration fee of $100. No refund will be given after this date; however, an alternative delegate name may be submitted. You may wish to take out insurance to cover forced cancellation.

Conference Secretariat

Marg Scarlett, LABCON Conference Manager
Tel: 0419 805 362
Email: info@margscarlett.com
Mail: LABCON Conference Secretariat,
PO Box 208, Lynbrook VIC 3975

Conference Venue

Pullman Melbourne On The Park
192 Wellington Parade, East Melbourne

Be inspired by Melbourne's entrepreneurs and creative thinkers only minutes away by tram or train, where culture, business, cuisine and sports hubs combine to make Melbourne a city of innovation. Flanked by the beautiful tree-lined path of the Fitzroy Gardens,

With 419 newly refurbished rooms, for Melbourne CBD accommodation, Pullman Melbourne on the Park is not only the perfect location, it is also the perfect sanctuary.

Hotel Features

ALLSAFE certified hotel – DETAILS HERE

- 24-hour reception
- Executive Lounge on hotels 18th Floor
- Outdoor swimming pool and sauna
- meeting and conference facilities
- High-speed wireless internet access
- Laundry and dry cleaning services (charges apply)
- Restaurant, bar & room service.
- Rooms with accessible and ambulant facilities.

How to get there

There are 4 ways to get to the conference venue: SEARCH HERE
Train: Melbourne Central to Jolimont Station 6 minutes $6.
Tram: from Russell Street /Flinders Street to Pullman Hotel, 5 minutes $5
Taxi: 3 minutes $8-$10
Walk: 25 minutes

Car Parking – is at your own expense

The car park is conveniently located beneath the hotel and accessible via Wellington Parade. The rate is $35 (cost per exit/or per 24 hours whichever occurs first). Normally the rate is $55.

Invitation from the President to attend **LABCON**2025

Welcome to LABCON2025.

As I mentioned previously in 2024, **LABCON** is one of the most significant and comprehensive PD opportunities for our professions. This year you will find us at Pullman Melbourne on The Park at 192 Wellington Parade. The number 11 Tram route stops at Jolimont Station – MCG and it is only a 3-minute walk to the facilities.

We are continuing with the new format that we trialled last year by offering a selection of 90 minute workshops or you can select two 45 minute workshops.

There is a minor price increase, that we have had to pass along for registration fees, however we are striving to keep it as low as we can make it and it is not unreasonable to ask your school to fund you. If they do not, attendance of professional development is tax deductible.

Renumerating the many opportunities that LABCON affords you when you attend:

- Sessions that are relevant and addressing changes within your work environment.
- Session that will allow you to improve your skills within specific areas from a topic that you are less familiar with to workshops that provide you ways to save money and make learning more engaging for the students.
- A chance to meet with committee members and speak with them in person.
- The opportunity to have a say in how the association continues by attending
  the AGM and voting.
- The opportunity to meet with suppliers and see their displays and ask them questions regarding their products that you may already have or are interested in purchasing.
- A chance to meet up with your peers and socialise which is something we often do not get the opportunity to do.
- Enjoy a lovely conference dinner with music and dancing.

Sessions will have a limited capacity, so the earlier that you register, the more likely you are to get your first-choice of workshops. Please remember that if you are a member of LTAV that you will receive a substantial discount to attend the conference.

We are looking forward to seeing you at **LABCON2025**.

Sincerely,

Mary L. Jones
President, LTAV (Inc.)

Keynote Speakers

Thursday 13 November 2025 • 9.00am-10.00am

Professor Kon Mouzakis

Software and Technology Innovation, Deakin University

AI and the Impact on the Health Domain

Professor Kon Mouzakis is a Professor of Software and Technology Innovation at Deakin University. He is a Decision Support and Software Development expert with over 30 years of experience and currently holds the position of Co-Director of the Applied Artificial Intelligence Institute (A^2I^2). In 2018, Kon was appointed as the Director, Australian Research Council, Industrial Transformation Research Hub for Digital Enhanced Living, and in 2022, was conferred with the title of Deakin Distinguished Professor.

Over the past 5 years, Kon has attracted over $15 million in contract R&D and consulting activities. He has developed software solutions and concept demonstrators for organisations, including Dementia Australia, Black Dog Institute, Defence Science and Technology Group (DSTG), and the World Economic Forum. In collaboration with the Alfred Hospital's Trauma Centre, he developed the Trauma Reception and Resuscitation Decision Support tool. This world first development reduced the number of errors that clinicians made in the first 30 minutes of patient arrival.

Kon is an advisor to the Trauma Centre of the Alfred Hospital, and to several technology companies in Australia. He is a tenured senior academic at Deakin University and, prior to this, at Swinburne University of Technology where he taught and researched in the areas of mobile technology, usability of complex systems and interface design.

Friday 14 November 2025 • 9.00am-10.00am

Dr Sylvie Callegan

Senior Research Officer, Walter and Eliza Hall of Medical Research WEHI

PINK Power: Cleaning out damaged mitochondria to treat Parkinson's disease

Dr Sylvie Callegari completed her PhD at the University of South Australia before moving to Göttingen, Germany for a postdoctor position in a lab studying mitochondria and its role in neurodegenerative disease.

In 2019, she returned to Australia to join Prof. David Komander's lab at WEHI as a Senior Research Officer, where she has been leading the projects on mitochondrial quality control and Parkinson's disease.

She uses a range of techniques in the lab, including cutting edge cell biology and structural biology techniques and has made key contributions to understanding what the Parkinson's disease-linked protein PINK1 looks like (Callegari et al. Science 2025) and how it is activated (Gan, Callegari et al. Nature 2022; Gan, Callegari et al. Sci. Adv. 2024).

With this new understanding of how PINK1 works, Dr Callegari is focussing on developing strategies to boost PINK1 activity to treat Parkinson's disease.

LABCON2025 – Program in Detail

Thursday 13 November 2025

7.30am	Registration		**Grand Ballroom Lobby**
8.50am-9.00am	Conference Opening Day One **Mary Jones**, President LTAV		**Ballroom 2 & 3**
9.00am-10.00am	**KEYNOTE SPEAKER** *AI and the Impact on the Health Domain* **Professor Kon Mouzakis**, Deakin University		
10.00am-10.30am	ANNUAL GENERAL MEETING **Mary Jones**, President, LTAV		
10.30am-11.00am	**Morning Tea and Exhibition**		**Grand Ballroom Lobby**
11.00am -12.45pm	Concurrent workshops x **90 minutes**		
T1 **Fun with food** Kellee Ballard Emerald Secondary College	**T2** **Health and Safety with the Department of Education** Brendan Henderson Department of Education	**T3** **TESEP Rock and Mineral Kit and TESEP Education Programs** Peter Nisbet	**T4** **Climate in YOUR Hands: Exploring the Monash Simple Climate Model** James Driscoll & Anna Vonneveld Monash University
11.00am-11.45am	Concurrent workshops x **45 minutes**		
T5 **Fire in the Lab** Dale Carroll LTAV National Networks Coordinator	**T6** **OHS in the Lab: Reasonably Practicable?** Naomi Peters Werribee Secondary College	**T7** **Microscopes: The Orange & the Purple** Harvey Edwards Principles and Practice	**T8** **Decontamination of Laboratory Waste** Glenda Arendse Peninsula Grammar School
11.45am -12.00pm	CHANGE ROOMS		
12.00pm-12.45pm	Concurrent workshops x **45 minutes**		
T9 **Cleaning, Sorting, Saving Money, Time and Sanity** Leonie Leishman Cranbourne East Secondary College	**T10** **Face to Face V Online Demonstrations – what works best** Dr Jeff Hughes RMIT	**T11** **Structures and Materials: Building Bridges in the Classroom** Stuart Lewis Scientrific Pty Ltd	**T12** **Ancient Insights: First Nations Science in Action** Robyn Price & Jenny Callahan Loreto College Ballarat
12.45pm-1.30pm	**Lunch and exhibition**		**Grand Ballroom Lobby**

Select one of the above 90 minute workshops OR select one of the 45 minute workshops from each of these two time slots.

1.30pm-3.15pm	Concurrent workshops x **90 minutes**	
T13 **The Best Tool for Measuring pH since Litmus Paper – PASCO pH Sensor** Doug Bail & Megan Simkin Cider House Tech Pty Ltd	**T14** **Discover how Micro:bits can Transform Data Logging in Years 7-20 Science without Breaking the Budget!** Amanda Brick Modern Teaching Aids	**T15** **Microscale Chemistry for Student Practicals: Doing more for less PLUS Demonstrating an Electric Bunsen Burner – your questions answered** Daniela Migliorati, Science Supply Australia & Marcia Rogerson, Rivercrest Christian College
T16 **Workplace Inspections and Laboratory Audits 101** Lisa Stevens & Dr Neale Jackson Lisa J Stevens & Associates	**T17** **What Rock is That?** Peter Nisbet	**Select one of the above 90 minute workshops OR select one of the 45 minute workshops from each of these two time slots.**
1.30pm-2.15pm	Concurrent workshops x **45 minutes**	
T18 **Meteorites** Trevor Hand MPAS	**T19** **The Science of the Ridiculous** Stuart Lewis Scientrific Pty Ltd	**T20** **A Hands-On Guide to Keeping your Lab Equpment Functioning!** Rod Agget EduSupplies
2.15pm -2.30pm	CHANGE ROOMS	
2.30pm-3.15pm	Concurrent workshops x **45 minutes**	
T21 **Reducing Waste in the School Laboratory** Rebecca Blowfield Billanook College	**T22** **STEM Approaches using Data Loggers** Stuart Lewis Scientrific Pty Ltd	**T23** **Blood in Forensics** Ivana Poulton Optimum Technology
3.15pm –3.30pm	Afternoon Tea and Exhibition	**Grand Ballroom Lobby**
3.30pm-4.15pm	Concurrent workshops x **45 minutes**	
T24 **Magic of Science from Dinosaurs to Rockets** Peter Razos Caulfield Grammar	**T25** **Get Hands on with 3D Printing for your Lab!** Amanda Brick Modern Teaching Aids	**T26** **How to be a MacGyver 101** Mary Jones, Keilor Downs College & Lynette Baker, Assumption College Kilmore
T27 **Redefining Safe Chemical Handling, Storage and Disposal in Today's School Laboratory** Gaya Withana Doncaster Secondary College	**T28** **A Healthy Land – Measuring the Environment with Vernier Data Loggers** Stuart Lewis Scientrific Pty Ltd	**T29** **Algai Balls: Spinach and Photosynthesis** Ros Clark, Melbourne High School & Sonia Holland, Star of The Sea College
T30 **How we do what we do** Geoff Gleadall LTAV Policy Officer	**T31** **Gel Electrophoresis-A Powerful tool of Learning for Junior and Senior Science** Dr Radhika Iyer, Prahran High School	
4.15pm	Conference Close – Day One	
6.00pm-10.00pm	**CONFERENCE DINNER** Sponsored by MTA	**Grand Ballroom 2 & 3**

LABCON2025 – Program in Detail

Friday 14 November 2025

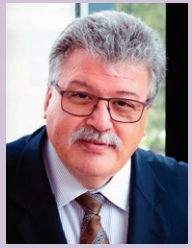
8.00am	Registration	**Grand Ballroom Lobby**
8.55am-9.00am	Conference Opening Day Two **Mary Jones**, President LTAV	**Ballroom 2 & 3**
9.00am-10.00am	**KEYNOTE SPEAKER** *PINK Power: Cleaning out damaged mitochondria to treat Parkinson's disease* Dr Sylvie Callegari, WEHI	
10.00am-10.30am	**Morning Tea and Exhibition**	**Grand Ballroom Lobby**
10.30am -12.15pm	Concurrent workshops x **90 minutes**	
F40 **Discover how Micro:bits can Transform Data Logging in Years 7-20 Science without Breaking the Budget!** Amanda Brick, Modern Teaching Aids	**F41** **Health and Safety with the Department of Education** **Brendan Henderson** Department of Education	**F42** **Renewable and Non-Renewable Resources. Wind,Solar or Coal-Which should and could power LABCON 2025?** James Driscoll & Anna Vonneveld Monash University
10.30am-11.15am	Concurrent workshops x **45 minutes**	
F43 **OHS in the Lab: Reasonably Practicable?** Naomi Peters Werribee Secondary College	**F44** **Chemical Disposals for the School Laboratories 101** Callum Stagg, DGL Envirostore & Lisa Stevens, Lisa J Stevens & Associated	**F45** **How to be a MacGyver 101** Mary Jones, Keilor Downs College & Lynette Baker, Assumption College Kilmore
F46 **Microscopes: The Orange & the Purple** Harvey Edwards Principles and Practice	**F47** **Lab Essentials: The Smart Cart** Doug Bail & Megan Simkin Cider House Tech Pty Ltd	**Select one of the above 90 minute workshops OR select one of the 45 minute workshops from each of these two time slots.**
11.15am -11.30am	CHANGE ROOMS	
11.30am-12.15am	Concurrent workshops x **45 minutes**	
F48 **Ancient Insights: First Nations Science in Action** Robyn Price & Jenny Callahan Loreto College Ballarat	**F49** **Key Experiments: Inquiry Approaches using Vernier Data Loggers in High School Science** Stuart Lewis Scientrific Pty Ltd	**F50** **Complex made Simplex-Sharing ideas & tips of the trade to help your everyday work!** Glenda Arendse Peninsula Grammar School
F51 **Gel Electrophoresis-A Powerful tool of Learning for Junior and Senior Science** Dr Radhika Iyer Prahran High School	**F52** **Fire in the Lab** Dale Carroll LTAV National Networks Coordinator	
12.15pm-1.00pm	**Lunch and exhibition**	**Grand Ballroom Lobby**

1.00pm -2.45pm	Concurrent workshops x **90 minutes**		
F53 **Practical Investigations of Electromagnetic Induction** Doug Bail & Megan Simkin Cider House Tech Pty Ltd	**F54** **Fun with food** Kellee Ballard Emerald Secondary College	**F55** **Microscale Chemistry for Student Practicals: Doing more for less PLUS Demonstrating an Electric Bunsen Burner – your questions answered** Daniela Migliorati, Science Supply Australia & Marcia Rogerson, Rivercrest Christian College	**F56** **TEACH, the students well … learning should not by accident!** Lisa Stevens & Dr Neale Jackson Lisa J Stevens & Associates
1.00pm -1.45pm	Concurrent workshops x **45 minutes**		
F57 **There must be an easier way?** Iris Avery Balwyn High School	**F58** **A Hands-On Guide to Keeping your Lab Equpment Functioning!** Rod Agget EduSupplies	**F59** **Tips and Tricks for Techs** Leonie Leishman Cranbourne East Secondary College	**F60** **via ZOOM** **Dangerous Chemicals!** **How can I use them Safely?** Phillip & Eva Crisp RiskAssess
1.45pm -2.00pm	CHANGE ROOMS		
2.00pm – 2.45pm	Concurrent workshops x **45 minutes**		
F61 **How we do what we do** Geoff Gleadall LTAV Policy Officer	**F62** **The Science of Us-Measuring Humans using Vernier Data Loggers** Stuart Lewis, Scientrific Pty Ltd	**F63** **Science Assist, Explore the New Web Page** Dale Carroll LTAV National Networks Coordinator	**F64** **Volcanoes what a Blast!** Peter Nisbet
2.45pm – 3.15pm	**Afternoon Tea and Exhibition** **Draw Exhibitor Passport Prizes**		**Grand Ballroom Lobby**
3.15pm – 4.00pm	Concurrent workshops x **45 minutes**		
F65 **Redefining Safe Chemical Handling, Storage and Disposal in Today's School Laboratory** Gaya Withana Doncaster Secondary College	**F66** **Application of Light in Forensic Science** Ivana Poulton Optimum Technology	**F67** **Magic of Science from Dinosaurs to Rockets** Peter Razos Caulfield Grammar	**F68** **Meteorites** Trevor Hand MPAS
F69 **Reducing Waste in the School Laboratory** Rebecca Blowfield Billanook College	**F70** **Get Hands on with 3D Printing for your Lab!** Amanda Brick Modern Teaching Aids	**F71** **Triple R Meeting** Deborah Sun Waverley Christian College	**F72** **Algai Balls: Spinach and Photosynthesis** Ros Clark, Melbourne High School & Sonia Holland, Star of The Sea College
4.15pm	**Conference Close**		

Select one of the above 90 minute workshops OR select one of the 45 minute workshops from each of these two time slots.

LABCON2024 Keynote Descriptions

Thursday 13 November 2025
9.00am-10.00am



Professor Kon Mouzakis
Deakin University

AI and the Impact on the Health Domain

Discussion around the role that AI has played in the field of Health and Education, with example of work undertaken by Deakin's Applied AI Initiative in these areas.

Friday 14 November 2025
9.00am-10.00am

Dr Sylvie Callegan
Walter and Eliza Hall of Medical Research WEHI

PINK Power: Cleaning out damaged mitochondria to treat Parkinson's disease

For over 20 years, we have known that mutations in the PINK1 protein cause Parkinson's disease.

PINK1 is a mitochondrial damage sensor that accumulates on the surface of damaged mitochondria. As it accumulates, PINK1 is activated and it generates a unique signal that triggers the process of mitochondrial clean up, known as mitophagy.

When PINK1 doesn't work, damaged mitochondria build up, leading to the death of neurons in the brain – a hallmark of Parkinson's disease. Therefore, boosting the activity of PINK1 is a promising strategy for cleaning up damaged mitochondria in Parkinson's patients.

However, despite decades of research into PINK1, we had never seen what human PINK1 looks like or how it sits on damaged mitochondria. Using Cryo-EM, we visualise, for the first time, human PINK1 docked on the surface of damaged mitochondria. This also uncovers a never-before-seen composition of proteins on the mitochondrial surface, challenging our view of what the surface of mitochondria look like.

Our work opens up new therapeutic possibilities for using PINK1 to clean up damaged mitochondria in Parkinson's disease patients.

L T A V

Laboratory Technicians' Association of Victoria Inc.

NOT AN LTAV MEMBER BUT WANT TO JOIN?

Free Membership for first year Lab Techs

Go to **www.ltav.org.au**

L T A V

Laboratory Technicians' Association of Victoria Inc.

DISCOUNTED RATES FOR LTAV MEMBERS

Please check the status of your membership before lodging your registration form.

Contact: **membership@ltav.org.au**

A Hands-On Guide to keeping your lab equipment functioning!

Rod Aggett, EduSupplies *T20 F58*

Learn how to keep your school lab gear in top shape! Join us for a presentation on microscope, balance and pipette maintenance and care. Gain invaluable insights and practical tips for troubleshooting issues as well as step by step guide on how to get your equipment back up and running!

Repeat Session

A Healthy Land – Measuring the environment with Vernier Dataloggers

Stuart Lewis, Scientrific Pty Ltd *T28*

The natural world is made-up of many complex systems that connect together.

This workshop will look at using datalogging to measure various environmental conditions in plants, the soil and water.

- Looking at chlorophyl in plants
- Investigating plant photosynthesis

Repeat Session

Algal Balls, Spinach and Photosynthesis

Ros Clark, Melbourne High School & Sonia Holland, Star of The Sea College *T29 F72*

Are you looking for cheap, simple and reliable Photosynthesis Practicals that are easy to prepare and give great results? Learn how to grow Algae cultures and make your own Algal Balls. Get ideas for using Algal balls in practicals for Year 11 and 12 Biology. Let's also explore spinach and CO2 probes, to demonstrate Photosynthesis and Cellular Respiration.

Repeat Session

Ancient Insights: First Nations Science in Action

Robyn Price, Loreto College Ballarat *T12 F48*

The Inquiry for Indigenous Science Students program, an initiative of the CSIRO, has been used by Loreto College Ballarat to explore scientific concepts from a First Nations perspective. This workshop aims to demonstrate practical activities with a First Nations context and showcase additional opportunities to allow scientific exploration of First Nations Culture

New Session

Application of Light in Forensic Science

Ivana Poulton, Optimum Technology *F66*

Using of light in forensic science becomes an art where property of light is combined with property of matter in order to gather information about evidence at crime scenes. Light can be used to gather information in all fields of forensic sciences, e.g. document examination, fingermark detection, shoe print recording, biological fluids detection etc.

Practical Application Fluorescence Mode.

New Session

Blood and Forensics

Ivana Poulton, Optimum Technology *T23*

Optical Examination of Blood. Untreated dry blood does not show significant photoluminescence properties. Blood has a broad absorption spectrum in the entire light region (UV, visible and IR). Blood exhibits distinctive strong absorption maximum at around 415nm. It appears " blacker than black". Any marks that may look like dried blood, but exhibit fluorescence under the forensic light source, are not blood. (Observation of blood and tomato sauce under 470nm blue light and orange goggles) Luminol has been used in crime scenes for more than half a century. It is the most effective method in detection for locating minute traces blood – even if the crime scene has been cleaned up.

New Session

Chemical Disposals for the School Laboratories 101

Callum Stagg, DGL Envirostore & Lisa Stevens, Lisa J Stevens & Associates *F44*

Do you know the difference between Industrial Waste and Trade Waste. Do you know what can and cannot be tipped down a Victorian laboratory sink? This session will cover the regulatory framework for laboratory waste disposal, different waste streams, trade waste agreements, and how laboratory technicians can work with their chemical waste contractor to recycle, reduce costs (and potential fines) while understanding the importance of responsible chemical disposal.

Repeat Session

Cleaning, sorting, saving money, time and sanity

Leonie Leishman, Cranbourne East Secondary College *T9*

Some new ideas for forensic science and maybe some not so new ideas. Planning and preparation of samples for class use. Observation of a crime scene, How to make a dead body, decomposition, Entomology, electrophoresis, chromatography, fibres, blood typing, drug testing, soil testing, foot prints, bones.

New Session

Climate in YOUR hands: Exploring the Monash Simple Climate Model

James Driscoll & Anna Zonneveld, Monash University *T4*

Climate change is now a core part of the new Victorian Curriculum and teaching it doesn't have to be daunting. Join us for a hands-on, curriculum-aligned workshop using the Monash Simple Climate Model, a powerful digital tool designed to make climate systems science accessible, engaging, and interactive for students. Explore the scientific principles behind atmospheric gases, the greenhouse effect, feedback loops, and global temperature rise through a model that lets students simulate the future of Earth's climate.

New Session

Complex made Simplex-Sharing ideas and tips of the trade to help your everyday work!

Glenda Arendse, Peninsula Grammar School *F50*

Due to the hectic schedules most Lab technicians and assistants deal with on a daily basis, this workshop is designed to share ideas to lighten your load and increase efficiency. The focus is on suggesting "how to do" and "what to do" bearing in mind lab safety, budget and other constraints. Attendees are encourages to bring along ideas to contribute to discussions.

New Session

Dangerous chemicals! How can I use them safely? *Note this workshop is via ZOOM*

Phillip & Eva Crisp, RiskAssess *F60*

The common indicator, phenolphthalein, may cause cancer and is suspected of causing genetic defects and damaging fertility. Borax, a key ingredient of 'slime', may damage fertility or the unborn child. We will explain how large numbers of chemicals can be used safely, provided risks are assessed and control measures are put in place. This is important to maintain the interest of students in science and to increase their enjoyment of practical experiences.

New Session

Decontaminating General Chemical Waste

Glenda Arendse, Peninsula Grammar *T8*

To minimise onsite chemical waste accumulation, and reduce potentially harmful effects to the environment, maximum efforts are made to decontaminate chemical waste produced in school laboratory practicals. Chemical processes of extraction and precipitation are employ to treat chemical waste to reduce hazardous waste volumes stored onsite before accessing external disposal contractors (usually once a year) and ensure that any flushed waste is not detrimental to the environment.

Repeat Session

Discover how Micro:bits can transform data logging in Years 7-10 science without breaking the budget!

Amanda Brick, Modern Teaching Aids *T14 F40*

In this hands-on session, you'll explore how these tiny devices make real-time data collection fun, accessible,and meaningful for students. Learn just how simple and versatile Micro:bits are, even with no prior experience. Experiment with real applications-track temperature, test soil moisture, and explore acceleration in action – and have a go at using a Micro:bit to collect and analyse your own data!

New Session

Face to Face V Online Demonstrations – what works best?

Dr Jeff Hughes, RMIT *T10*

Doing chemical demonstrations in front of a class or viewing online - what works best? There are pros an cons for both methods and this session will explore these with demonstrations that work best in each medium.

New Session

Fire in the Lab

Dale Carroll, LTAV National Networks Coordinator *T5 F52*

How to treat a fire. Although a fire in the laboratory is a fairly rare event, it is still good to know how to deal with it "just in case". This session will cover the principals of fires and then how to deal with different scenarios, what extinguisher to use for what and how they operate.

New Session

Fun with Food

Kellee Ballard, Emerald Secondary College *T1 F54*

I hope to share with you my love of food and science. There will be demonstrations on how to make honeycomb, cottage cheese, ice cream in a bag and jelly worms. I will also be sharing some of my ideas for science themed food. Lots of things to taste plus some interesting science as well.

New Session

Gel Electrophoresis – A powerful tool of learning for Junior and Senior Science

Dr Radhika Iyer, Prahran High School *T31 F51*

Gel Electrophoresis is a simple but fascinating technique enabling Junior as well Senior Science students to engage in variety of ways to enhance their learning in their respective areas of study including Forensic Sciences, Evolutionary Biology, Genetics, Molecular biology, immunology and environmental biology. Let's explore these concepts together through a hands-on learning experience.

Repeat Session

Get Hands-On with 3D Printing for Your Lab

Amanda Brick, Modern Teaching Aids *T25 F70*

Join this hands-on session to see a 3D printer in action and explore real classroom and lab applications. Learn how to find pre-made templates, print your own resources, and save money on custom solutions. No experience needed - just bring your curiosity (**and a laptop or iPad if you can!**). A practical, fun intro that will get you thinking about what's possible.

New Session

Health and Safety with the Department of Education

Brendan Henderson, Department of Education *T2 F41*

The OHS Services team within the Department of Education will provide an opportunity for you to obtain an understanding of how they can assist your school when it comes to OHS. Additionally, the session will include live Q&A on OHS topics which you have raised through various channels including chemical management, risk assessments, safe work procedures and more.

New Session

How to be a MacGyver 101

Mary Jones, Keilor Downs College and Lynette Baker, Assumption College Kilmore *T26 F45*

You are the secret agent in charge of often finding new and exciting content for your science and STEM curriculums. Using multitools and duct tape to achieve problem solving and peace within the department. We have all had to improvise and adapt to the changing environment and demands of laboratory work. Join us as we take a trip in the wonderful dimension of STEM activities and problem solve our way out of the issues and into a brighter understanding for the students.

New Session

How we do what we do

Geoff Gleadall, LTAV Policy Officer *T30 F61*

LTAV is an organisation that is run my volunteers. Having well defined policies gives those volunteers clear and transparent guides about how we go about this This session gives an overview of your association's polices and how we go about common tasks. The session will cover our rules (constitution) and Aims as well as policies on how we go about tasks, who in the committee is responsible for what tasks, and policies that outline LTAV's view of what is best practice in our profession. This session is intended to demystify the processes and procedures and perhaps encourage members to step forward and take part in this important work.

New Session

Key experiments: Inquiry approaches using Vernier Data Loggers in High School Science

Stuart Lewis, Scientrific Pty Ltd *F49*

Are you looking for new ways of collecting data related to experiments in the Australian Curriculum? Multiple workstations will be set up for participants to experiment with support from our presenter.

The experiments may include:

- Boyle's Law and chemical reaction rates
- Spectroscopy and Beers Law
- Newtons laws of motion
- Electrical induction and electromagnetism
- Respiration

Ideas for further investigations will also be explored

Repeat Session

Lab Essential - The Smart Cart

Doug Bail & Megan Simkin, Cider House Tech Pty Ltd *F47*

The Smart Cart is the ultimate tool for your physics lab for studying kinematics, dynamics, Newton's Laws, and more. It includes built-in sensors for measuring force, position, velocity, three axes of acceleration, and three axes of rotational velocity. The versatile Smart Cart can collect measurements on or off a track and transmit the data wirelessly over Bluetooth. It is a wireless dynamics cart that combines all the necessary sensors, without requiring any additional hardware.

Repeat Session

Magic of Science From Dinosaurs to Rockets

Peter Razos, Caulfield Grammar *T24 F67*

Be prepared to have some fun and to acquire resources that will enable each participant to make an effective contribution to the delivery of several engaging units of work. These range from STEAM (building of Rockets and neak lic dinosaurs to teaching the Science of Magic.

Participants are encouraged to bring their own device to fully explore how these are used to engage and motivate students at Caulfield.

All participants will be given access to these resources. Have a neak look at the Science of Magic Unit

https://www.dynamicscience.com.au/tester/solutions1/magicofsci/UntitledFrameset-2.html or the Unit 3 Chemistry: https://www.dynamicscience.com.au/tester/solutions1/chemistry/timelineunit4_2024_2027.html

Repeat Session

Meteorites

Trevor Hand, MPAS *T18 F68*

Most meteorites burn up in the atmosphere and never make it to the ground, but some do! Learn what happens during a meteorite impact, how much energy they produce and what happens to the material they impact. Hear about some famous impacts and see real examples of various types of meteorites, including an 11kg example from northern Argentina. After the talk you can hold them in your bare hands, so be sure to have a camera with you.

Repeat session

Microscale Chemistry for Student Practicals: Doing more for less PLUS Demonstrating an Electric Bunsen Burner – Your questions answered!

Daniela Migliorati, Science Supply Australia & Marcia Rogerson, Rivercrest Christian College *T15 F55*

This presentation will explore how using small quantities of chemicals not only saves money but also reduces waste, improves safety for students and supports sustainability in lab practises. This will be a hands-on session where you will learn practical tips to implement micro scale chemical experiments, produce minimal waste and best of all, no more test tubes to wash! This session will also include a demonstration of an electric Bunsen burner flame test.

New Session

Microscopes: The Orange & The Purple

Harvey Edwards, Principles and Practice *T7 f46*

Many schools have the common monocular orange or the binocular purple microscopes. Some work off an AC Adapter, others plug into the wall. Some have batteries, some don't. Some are even white! After all my years, I've learnt a few tricks to keep them in top condition – come along and I will share them with you. Even bring one with you, if you care.

New Session

OHS in the Lab, Reasonably Practicable?

Naomi Peters, Werribee Secondary College *T6 F43*

Lab OHS Compliance, one Labbie's experiences. As the Lab Manager and HSR of a DET school, I oversee many aspects of OHS Compliance in my duties. I will discuss writing SWPs for chemicals, changes to SDS requirements from DET, finding information on PAL, Risk Registers and getting ready for audits (such as the current OHS E&Y external audits), plus the move of OHS onto EduSafe Plus, which DET schools will be required to do if they haven't already started. I'm not an expert, so it's more of a chance for a conversation between Lab Techs rather than me telling people how to do it all…

OHS is really coming into focus within DET and do you know who to call? Or where to find that information? Let's chat…

New Session

Practical investigations of electromagnetic induction

Doug Bail & Megan Simkin, Cider House Tech Pty Ltd *F53*

A hands-on introduction to electromagnetic induction. Often viewed as "hard" by students, the use of voltage and/or current sensors can bring this topic alive for students, generating a broader, deeper understanding and in much less time and lower cost than traditional methods. Even your teachers might understand the topic! We'll look at generating Lenz and Faraday's laws from first hand data, generators, and transformers.

Repeat Session

Redefining safe chemical handling, storage, and disposal in Today's school laboratory

Gaya Withana, Doncaster Secondary College *T27 f65*

Over time, school laboratory practices have evolved with a strong emphasis on safety and compliance. Key updates include stricter PPE requirements, removal of banned chemicals, and improved storage protocols, such as segregation by chemical class and use of containment trays, even for solids. These changes support safer working conditions and help technicians maintain a compliant, efficient laboratory environment. The main focus is on Q/A session with other lab technicians Some Language tone credits to ChatGPT.

New Session

Reducing waste in the school laboratory

Rebecca Blowfield, Billanook College *T21 F69*

Landfill sites are nearing capacity yet school laboratories have so much potential to reduce waste. Come and hear how we at Billanook College have reduced general waste down to almost nothing and be inspired that you, too, can have an influence in your workplace.

New Session

Renewable and Non-Renewable Resources. Wind, Solar or Coal – Which should (and could!) power LABCON 2025?

James Driscoll & Anna Zonneveld, Monash University *F42*

This hands-on workshop explores the pros and cons of coal, wind, and solar power through real-world data, debates, and decision-making games. Aligned with the Victorian Curriculum, it helps students critically evaluate energy choices in terms of sustainability, cost, and environmental impact. With gamified activities and ready-to-use resources, it brings science to life and builds students' critical thinking and communication skills.

New Session

Science Assist, explore the new Web page

Dale Carroll, LTAV National Networks Coordinator *F63*

Learn about ASTA's Science Assist new website. See what new features there are and how to manage your account. We will visit the site and check out how to use it. See how Science Assist can help you.

New Session

STEM approaches using Data Loggers

Stuart Lewis, Scientrific Pty Ltd *T22*

STEM is science where you think with your hands" Are you looking for ways of imbedding STEM activities into the Australian Curriculum? Are you looking for a way to revive and extend your existing science equipment. This workshop will use Vernier dataloggers to explore different STEM experiments. Topics will include:

- A reimagining of the classic Egg Drop experiment to include data and tie it to the Curriculum;
- Using Vernier probes with Arduino and Scratch;
- A look at how to build the Microsoft robotic hand challenge;

Repeat Session

Structures and Materials: Building bridges in the classroom, who can design the best bridge?

Stuart Lewis, Scientrific Pty Ltd *T11*

Have you wanted a STEM activity that can safely explore the strength of materials as well as testing the flexibility of a bridge design? In this STEM workshop participants will use an integrated STEM approach to design, make and test a bridge structure.

Participants will first conduct a scientific investigation of bridge building materials by gathering data using the Vernier Structures and Materials Tester. The results of this test will then be incorporated into the design and building of a bridge.

Bridges will be analysed using Vernier's Bridge Competition Software.

New Session

TEACH, the students well … learning should not by accident!

Lisa Stevens & Dr Neale Jackson, Lisa J Stevens & Associates *F56*

Having an informed chemical risk assessment is crucial step for handling chemicals in schools. While pre-prepared and tick-and-flick risk assessments may meet legal requirements,

do they provide the information you require to run a safe classroom experiment? This session builds on our Risk Assessment 101 sessions and looks at specifically how to apply that knowledge to specific experiments.

New Session

TESEP Rock and Mineral Kit and TESEP Education Programs

Peter Nisbet *T3*

The Teacher Earth Science Education Programme (TESEP) Rock Kit and Critical Minerals Kit for Australian Schools will be introduced to participants. The kits are complemented by a range of online resources such as 3D imagery, the stories behind the rocks in the kit, virtual thin sections, questions for students and model answers. The TESEP Plate Tectonics poster will also be introduced to enable participants to explore how this resource can be utilised in conjunction with understandings gained from the kits. Participants will be given the opportunity to investigate these resources and assess their suitability for use within the Earth Science units in the Australian Science Curriculum.

Repeat Session

The best tool for measuring pH since litmus paper! – PASCO pH sensor

Doug Bail & Megan Simkin, Cider House Tech Pty Ltd *T13*

A hands on introduction to the PASCO Wireless pH Sensor, demonstrating its ease of use, large range of applications, storage, and troubleshooting. The Wireless pH Sensor is a must-have for any chemistry, biology, or environmental science course, enhancing numerous activities (both in the lab and field), including acid-base titrations, investigations into household chemicals, analyses of chemical reactions, water quality studies, and more.

Repeat session from 2023

The Science of the Ridiculous

Stuart Lewis, Scientrific Pty Ltd *T19*

The everyday, all around us, is filled with so much wonder that we are flooded by it. We make the extraordinary normal. We forget to take time to play, to be silly, and to find the little sparks that turn it into back into the extraordinary, the ridiculous.

In this workshop we will start playing with science (if necessary, applying it to the curriculum). Fun will be had with (but potentially not limited to): People and their reactions; The mind and what it can hold; Colours; and Food.

Repeat Session

The Science of Us – Measuring humans using Vernier Data Loggers

Stuart Lewis, Scientrific Pty Ltd *F62*

Humans are not simple. We are a series of complex systems streamed through a conscious brain. This means that there is a lot that can be measured, from bioelectric impulses required to move muscles to an analysis of touch. This workshop will use Vernier datalogging equipment to explore topics such as:

- EKG and heart analysis
- Muscle analysis and strength
- Wavelengths of light that fool the eye
- How to tell if a room is well ventilated
- Which feels warmer? Tactile illusions
- How much dye is in foods?

Repeat Session

There must be an easier way!

Iris Avery, Balwyn High School *F57*

Did you ever wonder if you could make a prac more streamlined, perhaps cheaper, modified for student engagement. This is a Q&A presentation where pracs that need say a little tweaking can be discussed and shared amongst other labbies or just myself. We will end the session with great prac ideas for STEAM club, and fun activities to ignite student enthusiasm in science.

New Session

Tips & Tricks for Techs

Leonie Leishman, Cranbourne East Secondary College *F59*

Cleaning, sorting, saving money, time and sanity.

Repeat Session

Triple R-Regional Representatives Rage

Deborah Sun, LTAV Regional Liaison Officer *F71*

Our Regional Representatives Rage is open to all current LTAV Regional Representatives, along with anyone that is interested in taking on the role. Discussions will include activities held during the past year, difficulties faced, possible solutions and any other matters of importance. All Regional Representatives are requested to bring along 18 copies of a short report to be distributed at the meeting to those present.

Annual Update

Volcanoes – What a Blast!

Peter Nisbet *F64*

This session explains the different types of volcanoes, where and why they are located in certain areas and what causes them to erupt. The chemistry of their gases will be discussed and how volcanoes have affected life on Earth. Victorian examples will be included. Volcanic rock samples will be examined and examples of model volcanoes that can be used in the class room demonstrated.

Repeat Session

What Rock Is That?

Peter Nisbet *T17*

This session uses a hands on approach to learn the main identifying features and names of the most common rocks. Participants use supplied identification keys to name supplied rock samples throughout the session. Explanation of the formation of Coal, Oil and Gas includes samples of the different types of each. Interesting minerals and fossils add variety to the session.

Repeat Session

Workplace inspections and Laboratory Audits 101

Lisa Stevens & Dr Neale Jackson,
Lisa J Stevens & Associates *T16*

Looking to enhance your workplace safety skills? Looking to effectively undertake a workplace inspection? Do you know the difference between a laboratory safety audit and a workplace inspection? Not sure where to start or how to document your findings? Join our workshop to learn how to effectively undertake a workplace inspection and differentiate between a laboratory safety audit and a workplace inspection. Gain practical experience conducting a laboratory safety inspection.

Repeat Session

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LTAV would like to take this opportunity to acknowledge and thank Conference Sponsors – your support is greatly appreciated.

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LABCON2025 • 13-14 November 2025 • REGISTRATION FORM AND TAX INVOICE LTAV ABN: 96 439 156 002

Laboratory Technicians' Association of Victoria Inc.

DELEGATE DETAILS

Prof/Dr/Mr/Mrs/Ms/Miss: Surname: Given Name:

School/Organisation: Position:

Address:

State: Postcode: Telephone: Mobile:

Email: Purchase Order:

Emergency Person & Mobile: (e.g. emergency contact during LABCON)

Please indicate any health related dietary, disability assistance required:

REGISTRATION FEES

GST inclusive	LTAV Member	Non Member	
Full Registration – Thursday & Friday includes Dinner	$600.00	$675.00	$
Full Registration – Thursday & Friday excludes Dinner	$530.00	$605.00	$
One Day Registration includes dinner ☐ Thursday ☐ Friday	$550.00	$625.00	$
One Day Registration excludes dinner ☐ Thursday ☐ Friday	$480.00	$555.00	$
Presenter Registration: ☐ Thursday ☐ Friday (No charge day(s) of presentation)			
Presenter attending Dinner ☐ Yes ☐ No (No charge)			
Conference Dinner Thursday (extra tickets)	$140.00	$160.00	$
SUB TOTAL REGISTRATION FEES – GST inclusive			**AUD$**

ACCOMMODATION REQUIRED

GST included Room Type Required: ☐ Single ☐ Twin ☐ Double

Pullman Melbourne On The Park

Rates:	$279 per room per night	x	Nights	=	$
	$309 per room per night includes One Hot Breakfast	x	Nights	=	$
	$339 per room per night includes Two Hot Breakfasts	x	Nights	=	$

Arrival Date: Depart Date: Share with:

TOTAL PAYABLE to LTAV Registration Fees + Accommodation (if applicable) **AUD$**

CONCURRENT WORKSHOPS PREFERENCES

(Note: there are strict limits on numbers attending each workshop)

Please use Session Codes in preferences below and places will be allocated in order of receipt of payment.

Please **complete all boxes**. Note: You will automatically be booked to attend the keynote presentations on day of registration.

Select one 90 minute workshop or two 45 minute workshops. If choosing a 90 minute workshop place the workshop code in both time slots.

	1st Pref	2nd Pref	3rd Pref	4th Pref
Thursday 11.00am-11.45pm				
Thursday 12.00pm-12.45pm				
Thursday 1.30pm-2.15pm				
Thursday 2.30pm-3.15pm				
Thursday 3.30pm-4.15pm				
Friday 10.30am-11.15am				
Friday 11.30am-12.15pm				
Friday 1.00pm-1.45pm				
Friday 2.00pm-2.45pm				
Friday 3.15pm-4.00pm				

Principal/Science Co-ordinator's name:

Signature:

Laboratory Technicians' Association of Victoria Inc.

IMPORTANT REGISTRATION INFORMATION *please read carefully*

Register ONLINE www.ltav.org.au alternatively, complete form and EMAIL to info@margscarlett.com

DIRECT DEBIT/EFT PAYMENTS

If paying directly into the LTAV bank account, please ensure that the **EFT remittance advice together with the Registration Form is EMAILED to info@margscarlett.com INCLUDE YOUR NAME OR INVOICE NUMBER.**

Bank:	Commonwealth Bank of Australia
Branch:	Warragul
BSB:	063 532
Account Number:	10401068
Account Name:	Laboratory Technicians Association of Victoria Inc.

REGISTRATION CONFIRMATION

A confirmation letter will be sent to you by email with Sessions allocated. The earlier you register the more chance you have of receiving the workshops of your first choice.

If you are not able to register for LABCON on either day, you are very welcome to visit the Exhibition outside the catering breaks (shown in the program).

ACCOMMODATION

BOOK EARLY SPACE IS LIMITED

Pullman Melbourne On The Park
– Mini Bar, Tea/Coffee facilities in the room

Rates: $279 per room per night;
$309 per room per night includes One Hot Breakfast;
$339 per room per night includes Two Hot Breakfasts

CONFERENCE DINNER

The dinner this year will be held at **Pullman Melbourne On The Park**.

Attendance at the conference dinner on Thursday evening is complimentary for workshop presenters who have pre-registered. Please consider attending the dinner as it really is a great opportunity to network with colleagues and friends.

SPECIAL DIETS

We endeavour to provide for medical dietary requirements such as diabetic, gluten free, vegetarian etc., and cannot provide Paleo, Weight Watchers, Lite and Easy diets. Only those who have pre-registered for a special diet will be catered for.

CANCELLATION POLICY

All cancellations must be made in writing to the Conference Secretariat. Cancellations received prior to the registration deadline of 15 September 2025 will receive a refund less an administration fee of $100. No refund will be given after this date; however, an alternative delegate name may be submitted. You may wish to take out **insurance** to cover forced cancellation.

PRIVACY STATEMENT

The Privacy Act 2000 provides that, before a name, organisation and state/country details can be published in the list of the conference delegates for distribution to fellow delegates or any other party; you must give your consent. If you **DO NOT** wish to have your name and details included in the Delegate List please indicate below and send this instruction with your Registration Form and payment.

☐ Do not include me on distribution list

HELP OR FURTHER INFORMATION

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Please feel free to contact any member of your committee with any queries or concerns. Members are always welcome at committee meetings. Please contact the Secretary to confirm time and location of next meeting if you wish to attend.
2024 MEETING DATES (TBC): 13/08; 22/10; 14/11; 6/12 or 13/12

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LABCON2025 PROGRAM GRID

* NEW SESSIONS Shading double session

		THURSDAY								FRIDAY						
		8.50am - 9.00am	9.00am-10.00am	10.00am-10.30am	11.00am-11.45pm	12.00pm-12.45pm	1.30pm-2.15pm	2.30pm-3.15pm	3.30pm-4.15pm	8.55am-9.00am	9.00am-10.00am	10.30am-11.15am	11.30am-12.15pm	1.00pm-1.45pm	2.00pm-2.45pm	3.15pm-4.00pm
Topics	**Presenter**															
Conference Opening	Mary Jones*	X								X						
LTAV Annual General Meeting	Mary Jones*			X												
KEYNOTE: ***AI and the Impact on the Health Domain***	Prof Kon Mouzakis		X													
KEYNOTE: ***PINK Power: Cleaning out damaged mitochondria to treat Parkinson's disease***	Dr Sylvie Callegan										X					
A Hands-On Guide to keeping your lab equipment functioning!	Rod Aggett						T20							F58		
A Healthy Land – Measuring the environment with Vernier Dataloggers	Stuart Lewis								T28							
Algal Balls, Spinach and Photosynthesis	Ros Clark & Sonia Holland								T29							F72
Ancient Insights: First Nations Science in Action	Robyn Price & Jenny Callahan					T12							F48			
Application of Light in Forensic Science	Ivana Poulton*															F66
Blood and Forensics	Ivana Poulton*							T23								
Chemical Disposals for School Laboratories 101	Callum Stagg & Lisa Stevens											F44				
Cleaning, sorting, saving money, time and sanity	Leonie Leishman*					T9										
Climate in YOUR hands: Exploring the Monash Simple Climate Model	James Driscoll & Anna Zonneveld*				T4											
Complex made Simplex-Sharing ideas & tips of the trade to help your everyday work!	Glenda Arendse*												F50			
Dangerous chemicals! How can I use them safely? **ZOOM**	Phillip & Eva Crisp*													F60		
Decontaminating general chemical waste	Glenda Arendse				T8											
Discover how Micro:bits can transform data logging in Years 7-10 science without breaking the budget!	Amanda Brick*						T14					F40				
Face to Face V Online Demonstrations - what works best?	Jeff Hughes*					T10										
Fire in the Lab	Dale Carroll*				T5								F52			
Fun with Food	Kellee Ballard*				T1									F54		
Gel Electrophoresis – A powerful tool of learning for Junior and Senior Science	Radhika Iyer								T31				F51			
Get Hands-On with 3D Printing for Your Lab	Amanda Brick*								T25							F70
Health and Safety with the Department of Education	Brendan Henderson*				T2							F41				
How to be a MacGyver 101	Mary Jones & Lynette Baker*								T26			F45				
How we do what we do	Geoff Gleadall*								T30						F61	

LABCON2025 PROGRAM GRID

* NEW SESSIONS Shading double session

		THURSDAY								FRIDAY						
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Key Experiments: Inquiry Approaches using Vernier Data Loggers in Hgh School Science	Stuart Lewis												F49			
Lab Essential – The Smart Cart	Doug Bail & Megan Simkin											F47				
Magic of Science from Dinosaurs to Rockets	Peter Razos								T24							F67
Meteorites	Trevor Hand						T18									F68
Microscale Chemistry for Student Practicals: Doing more for less PLUS Demonstrating an Electric Bunsen Burner – Your questions answered!	Daniela Migliorati & Marcia Rogerson*						T15							F55		
Microscopes: The Orange & The Purple	Harvey Edwards*				T7							F46				
OHS in the Lab, Reasonably Practicable?	Naomi Peters*				T6							F43				
Practical Investigations of Electromagnetic Induction	Doug Bail & Megan Simkin													F53		
Redefining safe chemical handling storageand disposals in today's school laboratory	Gaya Withana*								T27							F65
Reducing waste in the school laboratory	Rebecca Blowfield*							T21								F69
Renewable and Non Renewable Resources, wind, solar or coal	James Driscoll & Anna Zonneveld*											F42				
Science Assist, explore the new Web page	Dale Carroll*														F63	
STEM approaches using Data Loggers	Stuart Lewis							T22								
Structures and Materials: Building bridges in the classroom, who can design the best bridge?	Stuart Lewis*					T11										
TEACH, the students well … learning should not by accident!	Lisa Stevens & Neale Jackson*													F56		
TESEP Rock & Mineral Kits and TESEP Education Programs	Peter Nisbet				T3											
The best tool for measuring pH since litmus paper! - PASCO pH sensor	Doug Bail & Megan Simkin						T13									
The Science of the Ridiculous	Stuart Lewis						T19									
The Science of Us-Measuring Humans using Data Loggers	Stuart Lewis														F62	
There must be an easier way!	Iris Avery*													F57		
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