

LearnTech[®]

CONFERENCE & EXHIBITION

Emerging and Future Trends and Technologies in Education and Training

30th November 2022
Perth, Western Australia

Register Now  www.events.idc-online.com

Who Should Attend



Universities

- > Chancellors
- > Vice Chancellors
- > Deputy Vice Chancellors
- > Professors
- > Lecturers



Mining & Infrastructure

- > Workplace Training & Development
- > Human Resources
- > Skills Development
- > Workforce Capability & IT



TAFE & RTOs

- > Trainers
- > Instructors
- > Directors
- > E-learning Managers



Schools

- > Teachers
- > IT Personnel
- > Procurement Directors
- > Education & Training Officers



Education & Training Regulators

- > TEQSA
- > TACWA
- > ASQA case Managers
- > Auditors



Startups

- > Entrepreneurs
- > Software Developers
- > CEOs

Keynote Speakers



Barbara Oakley

New York Times Best-Selling Author, Creator of "Learning How to Learn," (with over three million registered students) and Professor of Engineering at Oakland University, Michigan.



Prof. Peter Klinken AC

Chief Scientist of Western Australia, Former Leading Medical Research Scientist and Western Australian Citizen of the Year (Professions) in 2008.

Registration Discount



10% OFF

Early Bird Offer

10% off when you Book before 30th September 2022

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YOUR TICKET TO THE FUTURE OF LEARNING

Register Now  www.events.idc-online.com

With technology becoming an essential and exciting part of the student experience; LearnTech will bring together and provide solutions for those who are looking to the future of effective training and education. The event will include expert speakers, exhibitions, product demonstrations and panel discussions.

LearnTech is a 'must attend' event for those striving for continual improvement and those wishing to keep up to date with emerging trends in training and education. Attendees will have the opportunity to network, create new partnerships and gain the knowledge to improve teaching, training and learning strategies, using the latest technologies.



10+ Local and International Speakers



Product Demonstrations



Exhibitions



Networking



Panel Discussions

Benefits of Attending

- > Innovate in training and education.
- > Learn how to create engaging and effective education experiences by understanding the neuroscience of learning.
- > Learn about the latest technologies and research in the education sector.
- > Discover technology solutions for your training and education requirements.
- > Advance and differentiate from outdated teaching and learning models.
- > Discover emerging trends in training and education.
- > Meet innovative education designers and solution providers.
- > Network with educators and suppliers.

8:00am Registration & Exhibition Area Opens

8:30am Conference Opening
Welcome to LearnTech



Technologies and Invigilation for Online Education Excellence

Dr. Steve Mackay: Founder of the Engineering Institute of Technology (EIT)

In 1992 Dr Steve Mackay founded IDC Technologies to host global engineering conferences for industry professionals. IDC also designs and delivers professional development for engineers and technicians. In 2008, sister company EIT was born; it provides engineering qualifications across the vocational and higher education sectors. An interactive, online platform of learning is used and involves students meeting their international pool of subject experts in real time. Students have dedicated learning support officers and access to state-of-the-art technologies for their applied learning. Because EIT reaches students remotely in over 150 countries, an invigilation software called IRIS is employed to uphold the academic integrity of the qualifications. As Dean of Engineering at EIT, Dr. Mackay has inspired EIT's unique and distinctive approach to engineering education and it is his vision which has led to the creation of LearnTech 2022. His enduring belief in education excellence and life-long learning is underpinned by Nelson Mandela's mantra that, "Education is the most powerful weapon which we can use to change the world."

8:45am Session One | International Keynote



VIRTUAL PRESENTATION

Rethinking Active Learning - In Person and Online

Barbara Oakley: Professor of Engineering

This fascinating keynote will present the latest insights from neuroscience and how to help students learn most effectively. Dr. Barbara Oakley, creator of one of the world's most popular online courses 'Learning How to Learn' will use vibrant illustrations and animations to present what is happening physically in students' brains as you teach. Creating sets of links in long-term memory – the heart of good learning – isn't easy; this presentation will equip you with the best tricks known from neuroscience to help make learning stick. You'll discover why, when it comes to instruction, motion is the monarch. Motion allows you to use bottom-up attentional systems to help keep students' eyes on you and what you're teaching, whether it's online or in the classroom. A final insight involves how to teach to both the procedural and declarative learning systems, thus allowing students to be both fast and flexible in their learning. Don't miss this rapid-fire collection of the most useful, practical insights from the latest research in learning.

9:45am Q&A with Barbara Oakley

10:00am Session Two | Keynote Speaker



Higher Education in a Rapidly Changing World

Professor Peter Klincken AC: Chief Scientist of Western Australia

Join Professor Peter Klincken AC, Chief Scientist of Western Australia, as he considers the ongoing role of the Higher Education Sector to prepare the world for the challenges of the future. With the 3rd and 4th Industrial Revolutions occurring simultaneously, we are currently living through the fastest period of change for humankind. Contemplating insights from the rapid and successful uptake of eLearning during the early stages of the COVID-19 pandemic, Professor Klincken will share his vision for the role of Higher Education in our rapidly changing world.

10:45am Morning Tea Break (Exhibition Space)



11:15am Session Four | Presentation



Reality Bytes: How Virtual Reality is Transforming Learning

Gemma Clarke: Lead Instructional Designer at Sentient

Sentient is a Perth-based software development company which specialises in providing powerful and immersive Virtual Reality (VR) Training, 3D Visualisations, Process Control and Automation Solutions for clients primarily in the Mining and Resources industries. Presenter Gemma Clarke comes from a tertiary education background and is a passionate advocate for learner centred design and the use of authentic materials. Gemma has been recognised for her work as a HERDSA Fellow and a Senior Fellow of AdvanceHE. However, it is through her recent experience designing learning supported by VR that the full promise of learner centred, and authentic design has become real. This session will present exemplars of VR supported learning and insights into why VR can be the ultimate learning design space. It will explore what kind of learning works best in VR, and when a blended approach is appropriate.

12:00pm Session Five | Presentation



Digital Literacy to Promote Digital Equity

Nileshe Makwana: Chief Executive Officer of Illuminance Solutions

Digital equity seeks to equip everyone with the technological capacity to participate in an increasingly digital world, whether as empowered employees, learners, or community members. This definition of digital equity expands upon commonly held notions that often conflate it solely to access and connectivity. Instead, a broadened concept of digital equity must also focus on the quality of a person's engagement with technology—whether they have the digital skills to operate it, are prepared to manage its inherent risks and challenges, and employ it beyond its basic capacity to supplement certain tasks. In this sense, digital equity spans a multitude of divides that include access, connectivity, digital readiness, and digital use, among others. As community confront these divides, educators are turning to digital literacy to focus and extend digital equity efforts.

12:45pm Lunch (Exhibition Space)



1:30pm Session Six | Presentation

Teaching Practical Skills in an Online Environment



Daniel Hope: Course Development Manager - APAC, FutureLearn

In this session, Daniel will present the ways in which practical skills and real world knowledge can be developed and assessed effectively through online platforms. The audience will walk away with innovative ideas for designing tasks and recognising learner achievements, as well as a deeper understanding of embedding the development of artefacts of learning into online content and assessments. The presenter will use the FutureLearn platform, and other free and paid tools to demonstrate examples.

2:15pm Session Seven | Joint Presentation

**It Takes a Village: Designing and Delivering Effective eLearning**

Narelle Crofts: Principal Advisor – Technical Excellence Development & Technology – Group Technical Mining at Rio Tinto



Gemma Clarke: Lead Instructional Designer at Sentient

Designing and delivering contemporary eLearning that is fit for purpose, engaging and delivers real learning benefits requires a team of people working collectively to achieve the outcome. This presentation explores the stages of building a new eLearning module from scratch to deployment. It will include reflections about what worked well and what the challenges were at each stage. The audience will benefit from the insights and best practices shared by both the service provider (Sentient) and the customer (Rio Tinto).

3:00pm Afternoon Tea (Exhibition Space)



3:30pm Session Eight | Presentation

**Using Digital Pedagogy to promote 21st Century Skills**

Leanne Crawshaw: Education Consultant – Quality & Development Portfolio at North Metropolitan TAFE

Leanne Crawshaw is an educator in the Adult & Vocational Learning sector and is a leader in creating innovative eLearning teaching solutions. Learning is a social practice, and it is important to promote active participation online and in face-to-face instruction. In the panic of COVID-19 my educator transferred traditional teaching resources for online implementation, resulting in student dissatisfaction. In this presentation Leanne Crawshaw will discuss how to promote active engagement and create a sense of belonging through incorporating technology into the learning environment to promote 21st Century skills underpinned by Digital Pedagogy.

4:15pm Session Nine | Joint Presentation

**Translating your use case into an effective VR Learning Experience**

Ben Bauert: CEO of Facilitate

Philipp Seiler: CXO of Facilitate



VR has a lot of latent potential as a learning technology, but often the 'path to value' in a busy organisational context, is unclear. This presentation aims to support learning professionals to understand this path more clearly by showing how technology variables (e.g. hardware, content types) impact adult learning. This session will answer:

- Can we, or should we, create custom content or use off-the-shelf content?
- Should we self-author or engage a development agency?
- Which content modality is best for a given use case?
- What are the most important best practice principles for andragogy in VR?

5:00pm Panel Discussion



Hosted by **Professor Akhtar Kalam**, Head of External Engagement, College of Engineering and Science, Victoria University, Melbourne

Join us for a panel discussion to discuss emerging trends in education.

5:30pm Conference Closing

5:40pm–6:30pm Networking Sundowner

On behalf of EIT & IDC Technologies, we invite you to conclude the conference with some informal networking, drinks and canapes.

**About the Keynote Speakers****Barbara Oakley**
Professor of Engineering

Barbara Oakley is a distinguished Professor of Engineering at Oakland University in Rochester, Michigan. Her work focuses on the complex relationship between neuroscience and social behavior. She

created and teaches Coursera "Learning How to Learn," one of the world's most popular massive open online course with over three million registered students, along with a number of other popular "Top MOOCs of All Time." Barb is a New York Times best-selling author who has published in outlets as varied as the Proceedings of the National Academy of Sciences, the Wall Street Journal, and The New York Times—her book A Mind for Numbers has sold over a million copies worldwide. She is a Fellow of both the Institute of Electrical and Electronic Engineers and the American Institute for Medical and Biological Engineering.

**Professor Peter Klinken AC**
Chief Scientist of Western Australia

Appointed as Chief Scientist of Western Australia in 2014, Professor Klinken provides independent scientific advice to the Government of Western Australia and plays an active role supporting science, technology and innovation in WA aiming to

ensure prosperity for future generations.

Prior to becoming Chief Scientist, Professor Klinken was a leading medical research scientist, highly regarded for his work in advancing the understanding of genes involved in leukemia, cancer and anaemia. His many research achievements include the discovery of a gene that suppresses the growth of tumours.

Professor Klinken was appointed a Companion of the Order of Australia (AC) in 2017. He was Western Australian Citizen of the Year (Professions) in 2008, and made a Fellow of the Australian Academy of Health and Medical Sciences (2015) and a Fellow of the Australian Academy of Technological Sciences and Engineering (2016).

Event Details

When	Wednesday 30 NOVEMBER 2022 8am – 6:30pm
Location	Perth, WESTERN AUSTRALIA
Venue	Beaumonde On The Point Level 1, 306 Riverside Drive, PERTH www.beaumondeotp.com.au

Getting There and Parking

Located at Fraser Point at Perth city's Eastern gateway, and easily accessible by car and train. Ample onsite City of Perth car parking is available (ticket fees apply). Take advantage of the free bus #24 from St George's Terrace direct to the doorstep.



Tickets and Registration

SINGLE CONFERENCE TICKET

Early Bird Price*
\$265.50 incl. GST
(save 10%)

Regular Price
\$295 incl. GST

Your in person delegate pass includes:

- Full day of conference sessions with inspiring speakers & keynote presentations
- Access to the exhibition area during arrival and all breaks
- Full day catering and beverages provided
- Networking drinks sundowner

RESERVED TABLE (8 Guests)

Early Bird Price*
\$1,800.00 incl. GST
(save 10%)

Regular Price
\$2,000 incl. GST

Your in person Reserved Table pass includes:

- A reserved table for x 8 guests maximum, in the main plenary for the day
- Full day of conference sessions with inspiring speakers & keynote presentations
- Access to the exhibition area during arrival and all breaks
- Full day catering and beverages provided
- Networking drinks sundowner

* Register on or before 30th September 2022 to receive the Early Bird price.

Register Now  www.events.idc-online.com

Sponsorship & Exhibition Opportunities

Representing your business at LearnTech 2022 will provide an opportunity for your business to stand out in front of educational innovators and reach key decision makers from a multitude of education sectors. There are limited sponsorship placements and exhibition stands in our boutique exhibition space, please get in touch with us to receive more information on availability and packages: conferences@idc-online.com

