Be part of the future of vascular education

VERVE SYMPOSIUM
Visionary Endovascular and Vascular Education

IN CONJUNCTION WITH LINC

ENDOVASCULAR SYMPOSIUM

SYDNEY AUSTRALIA 7-9 DECEMBER 2017

INTERNATIONAL CONVENTION CENTRE SYDNEY
Sydney, Australia and Leipzig, Germany
Dear Colleagues

It’s hard to believe we are five years old this year, and what a pleasure it’s been to watch the meeting grow!

Welcome to our latest VERVE Symposium and our new state-of-the-art Sydney venue, the International Convention Centre. This year we’ve brought together changes which promise to make it the best meeting we’ve ever delivered and we are sure you’ll not be disappointed.

Last December VERVE continued to build on what has become an innovative and dynamic era in Australasian vascular education. The largest group of global vascular experts ever seen on these shores came together to share their tremendous knowledge and experience. Together with local experts, they brought world-class discussion, inspired by live cases over three exciting days. In typical VERVE style, each of those cases was interspersed with short, sharp, practical talks delivered by that talented, multi-disciplinary faculty. We thought 2016 was great, and we believe that 2017 promises to be even better, with a list of global experts too long to mention (http://www.vervesymposium.com/faculty/).

This year we will deliver more live cases over two concurrent rooms, new expert strategy, challenging case sessions, and even broader topics to encapsulate all aspects of vascular disease and expand the discussion around aortic aneurysms and deep venous conditions. We are introducing a call for abstracts in the categories of original scientific research and challenging cases with a chance for individuals to join the faculty for a podium or e-poster presentation.

We encourage you to submit through our website portal, details of which are on the website – www.vervesymposium.com

Our friends from Leipzig will return once again to underline our strong collaborative partnership and ensure that the LINC philosophy is brought to our shores with seamless professionalism. Their presence at the meeting brings with it a world-class quality, and their endovascular skills are truly something that needs to be seen to be believed.

Here at VERVE we are passionate about providing a global vascular educational event the likes of which are unique to our region. Our mission is to become the premier educator in the field of vascular intervention by maintaining scientific integrity, promoting research and advancing the vascular field with a spirit of collegiality and inclusion. The course is designed to appeal to all of those involved in the delivery of advanced vascular care, those who want to be exposed to contemporary best-practice and those who wish to learn from seeing some of the world’s leading interventionists at work.

Dierk and I look forward to seeing you in Sydney this December for this year’s instalment of the high-definition VERVE Symposium.

Ramon Varcoe – VERVE Symposium
Dierk Scheinert – Leipzig Interventional Course, Australia

This year we will deliver more live cases over two concurrent rooms, new expert strategy, challenging case sessions, and even broader topics to encapsulate all aspects of vascular disease and expand the discussion around aortic aneurysms and deep venous conditions.
ORGANISING COMMITTEE

Dr Bernard Bourke Vascular Surgeon Gosford, Australia
Dr Alan Bray Vascular Surgeon Newcastle, Australia
A/Prof Andrew Holden Interventional Radiologist Auckland, New Zealand
Dr Steven Kum Vascular Surgeon, Singapore
Dr Andrew Lennox Vascular Surgeon Sydney, Australia

INVITED REGIONAL FACULTY

Dr Luke Baker Interventional Radiologist Sydney, Australia
Dr Glen Benveniste Vascular Surgeon Adelaide, Australia
A/Prof Lourens Bester International Radiologist Sydney, Australia
Dr Bernard Bourke Vascular Surgeon Gosford, Australia
Dr Victor Bourke Vascular Surgeon Sydney, Australia
Dr Richard Bond Vascular Surgeon Perth, Australia
Dr Alan Bray Vascular Surgeon Newcastle, Australia
Mr John Carroll Mechanical Engineer Sydney, Australia
Dr Peter Charalabidis Vascular Surgeon Melbourne, Australia
Dr Thomas Daly Vascular Surgeon Sydney, Australia
Dr Steven Dubenec Vascular Surgeon Sydney, Australia
A/Prof Anthony Freeman Vascular Surgeon Sydney, Australia
Dr Gerard Goh Interventional Radiologist Melbourne, Australia
Prof Jonathan Gollidge Vascular Surgeon Townsville, Queensland
A/Prof Andrew Holden Interventional Radiologist Auckland, New Zealand
Dr David Huber Vascular Surgeon Wollongong, Australia
Dr Naomi Hunter Phlebologist Maitland, Australia
A/Prof Ravi Huligol Vascular Surgeon Sydney, Australia
A/Prof Nabeel Ibrahim Surgeon Sydney, Australia
A/Prof Shirley Jansen Vascular Surgeon Perth, Western Australia
Dr Yuw Ming Kuan Vascular Surgeon Sydney, Australia
Dr Steven Kum Vascular Surgeon, Singapore
Dr Andrew Lennox Vascular Surgeon Sydney, Australia
Mr Matthew Malone Podiatrist Sydney, Australia
Dr Mark Malouf Vascular Surgeon Sydney, Australia
Prof James May Vascular Surgeon Sydney, Australia
A/Prof Irwin Mohan Vascular Surgeon Sydney, Australia
Prof Patrice Mwipatayi Vascular Surgeon Perth, Australia
Dr Sanjay Nadkarni Interventional Radiologist Perth, Australia
Prof Abdulla Omari Consultant Physician Sydney, Australia
Dr Vik Puttaswamy Vascular Surgeon Sydney, Australia
Dr David Robinson Vascular Surgeon Sydney, Australia
Dr Domenic Robinson Vascular Surgeon Melbourne, Australia
Dr Stefania Roberts Phlebologist Melbourne, Australia
Dr Mathew Sebastian Vascular Surgeon Newcastle, Australia
Prof Ian Spark Vascular Surgeon Adelaide, Australia
Dr Brendan Stanley Vascular Surgeon Perth, Western Australia
Dr Peter Subramaniam Vascular Surgeon Adelaide, Australia
Dr John Swinnen Vascular Surgeon Sydney, Australia
Dr Shannon Thomas Vascular Surgeon Sydney, Australia
A/Prof Ramon Varcoe Vascular Surgeon Sydney, Australia

LIVE CASE Sites and Operators

Mater Hospital Sydney Australia
Steven Dubenec, Vascular Surgery
Jack Loa, Vascular Surgery

Prince of Wales Private Hospital Sydney Australia
Andrew Lennox, Vascular Surgery
Shannon Thomas, Vascular Surgery
Ramon Varcoe, Vascular Surgery

University of Leipzig Hospital Leipzig Germany
Yvonne Bausback, Angiology
Prof Dierk Scheinert, Angiology
Andrej Schmidt, Angiology
Matthias Ulrich, Angiology

INVITED ULTRASOUND FACULTY

Ms Kathryn Busch
Mr Nathan Campbell
Mr Ian Catchpole
Ms Jenifer Kidd
Dr Jihad Mustapha
Ms Catherine Kovatch
Prof Patrice Mwipatayi
Dr David Robinson

Ms Jacqui Robinson
Dr Peter Schneider
Mr Peter Sharman
Ms Kerusha Singh
Prof Ian Spark
Dr Peter Subramaniam
Mr Stuart Wind
INVITED INTERNATIONAL FACULTY

Prof Dittmar Boeckler  
Vascular Surgeon  
Heidelberg, Germany

Prof Giancarlo Biamino  
Angiologist  
Mercogliano, Italy

Mr Stephen Black  
Vascular Surgeon  
London, UK

Dr Sven Braunlich  
Angiologist  
Leipzig, Germany

Dr Clifford Buckley  
Vascular Surgeon  
Texas, USA

Dr Jacques Busquet  
Vascular Surgeon  
Paris, France

Prof Marianne Brodmann  
Angiologist  
Graz, Austria

Dr Frank Criado  
Vascular Surgeon  
Baltimore Maryland, USA

Dr Koen DeLoose  
Vascular Surgeon  
Dandermonde, Belgium

Dr Brian DeRobertis  
Vascular Surgeon  
California, USA

Prof Fabrizio Fanelli  
Interventional Radiologist  
Rome, Italy

Prof Yann Goueffic  
Vascular Surgeon  
Nantes, France

Dr Peter Goverde  
Vascular Surgeon  
Antwerp, Belgium

Dr Osamu Iida  
Cardiologist  
Itami, Japan

Dr Michael Jaff  
Vascular Physician  
Massachusetts, USA

Dr Jon Matsumura  
Vascular Surgeon  
Wisconsin, USA

Prof Stefan Muller-Hulsbeck  
Vascular Surgeon  
Flensburg, Germany

Dr Jihad Mustapha  
Cardiologist  
Michigan, USA

Dr Gerry O’Sullivan  
Interventional Radiologist  
Galway, Ireland

Dr Ravish Sachar  
Cardiologist  
North Carolina, USA

Prof Dierk Scheinert  
Angiologist  
Leipzig, Germany

Dr Peter Schneider  
Vascular Surgeon  
Hawaii, USA

Dr Andrej Schmidt  
Angiologist  
Leipzig, Germany

Dr Benjamin Starnes  
Vascular Surgeon  
Washington, USA

Prof Matt Thompson  
Vascular Surgeon  
California USA

A/Prof Jos Van den Berg  
Interventional Radiologist  
Bern Switzerland

Prof Eric Verhoeven  
Vascular Surgeon  
Nuremberg Germany
The VERVE Symposium in conjunction with LINC Australia program will incorporate a world renowned international faculty, with live cases from the University Hospital in Leipzig, Prince of Wales Private Hospital Sydney and the Mater Hospital Sydney. We are introducing a call for abstracts in the categories of original scientific research and challenging cases with a chance for individuals to join the faculty for a podium or e-poster presentation, providing endovascular techniques, peripheral, carotid, aortic and late breaking trial data and the opportunity for individuals to present their research.

ENDOVASCULAR MASTERCLASS AND GLOBAL EXPERT DISCUSSION FORUM

Thursday 7 December 2017   Venue: International Convention Centre

VASCULAR ULTRASOUND MEETING

Venue: Parkside Ballroom – Level 2

8:30 – 10:00 am
Session A: Vascular Ultrasound Challenges in Peripheral Interventions and Venous
Introductory Remarks: Ramon Varcoe
How I Use Ultrasound to Maximise Success in Peripheral Interventions
Presenter: Jihad Mustapha
Routine Use of Ultrasound Guidance and Micropuncture Makes Endovascular Access Safer
Presenter: Peter Schneider
Ultrasound Guidance to Assist Crossing of Chronic Total Occlusions in Femoropopliteal Arteries
Presenter: Ian Spark
The Importance of Thorough Calf Artery Assessment with Duplex Ultrasound - Before and After Intervention
Presenter: David Robinson
Case study - Cannabis Induced Arteritis in a 19 year old
Presenter: Nathan Campbell
The Underestimated Role of Duplex Ultrasound in Identifying May Thurner syndrome
Presenter: Peter Sharman
The Presence of Nutcracker Syndrome in Patients with Ovarian Vein Incompetence
Presenter: Ian Catchpole
Ovarian Vein Case Studies with Post Coiling Follow Up
Presenter: Kerusha Singh

10:00 – 10:30 am  Morning Tea

10:30 – 12:00 noon
Session B: Vascular Ultrasound in the Treatment of AAA and Beyond
Ultrasound - An Effective Tool in EVAR Planning
Presenter: Peter Subramaniam
Ultrasound and IVUS Findings After the Treatment of AAA with AFX device: The Dark Hole Factor
Presenter: Patrice Mwipitayi
A Case of Simultaneous Type I, II and III Endoleaks with an Aorto-Caval Fistula
Presenter: Jacqui Robinson
The Interpretation of Arterial and Venous Waveforms in Patients on ECMO
Presenter: Catherine Kovatch
Case Study of a Popliteal Artery Saccular Aneurysm with Rupture
Presenter: Stuart Wind
TCD findings following cerebral AVM resection
Presenter: Kathryn Busch
Case study - TBC
Presenter: Jenifer Kidd

12:00 noon  Meeting Closes
12:00 – 12:30 pm  Lunch

* Program is subject to change
## Session 1.1: Challenges and New Developments in the Treatment of Femoropopliteal Disease

**Introduction**

Endovascular Options for the SFA: What Works and Is there Data to Support it?

*Presenter: Brian DeRubertis*

**Live Case from Sydney**

A Head-to-Head Comparison of DCB in the Femoropopliteal Segment

*Presenter: Andrew Holden*

Downstream Particulate Effect Seems to Differ Between DCBs - Is This Relevant?

*Presenter: Koen DeLoose*

3-year up-date on Drug Eluting Stents in the SFA: The MAJESTIC Trial

*Presenter: Stefan Müller-Hülsbeck*

A Real-World Experience with DES: Results from the ZILVER PTX Global Dataset

*Presenter: Fabrizio Fanelli*

**Live Case from Sydney**

Four-Year Outcomes Using the Heparin-Bonded Viabahn Stent for Long Femoropopliteal Disease

*Presenter: Ian Spark*

2-year Results of Stent-Graft Treatment for Patients with Complex Femoropopliteal Lesions in Japan

*Presenter: Osamu Iida*

Is There a Role for Direct Oral Anticoagulants After Treatment for PAD?

*Presenter: Marianne Brodmann*

## Session 1.2: Controversies in Early Clot Removal for Acute DVT

Results and Interpretation of the ATTRACT Trial

*Presenter: Michael Jaff*

A Review of Clinical Trial Evidence for Aggressive Treatment of Ilio-Femoral DVT

*Presenter: Gerard O’Sullivan*

**Live Case from Sydney**

Thrombolysis for DVT: Underutilization of Contemporary Therapy for Deep Venous Thrombosis

*Presenter: Brian deRubertis*

Acute Thrombolysis: Who to Treat, When to Treat and What Have the Trials Changed

*Presenter: Stephen Black*

Single Session Therapy: Use of the Angiojet Device for Early Clot Removal

*Presenter: Laurencia Villalba*

Clot Busting Using Aspiration Thrombectomy with the Penumbra Device - How To Achieve Best Results

*Presenter: Sanjay Nadkarni*

Duration of Anticoagulation Therapy After Stenting for Iliofemoral DVT

*Presenter: TBC*
## Session 1.3: Below the Knee Intervention and the Treatment of CLI

**A Call to Action: The CLI Global Society**
*Presenter: Jihad Mustapha*

The Role of the Podiatrist and High-Risk Foot Clinic in Limb Salvage
*Presenter: Matthew Malone*

### Live Case from Leipzig

Is There Any Hope Left for DCB in Infrapopliteal Interventions?
*Presenter: Giancarlo Biamino*

36-Month Results from the ABSORB-BTK Study
*Presenter: Ramon Varcoe*

Early Results of a New Sirolimus Eluting Stent in BTK Arteries: The Angiolite
*Presenter: Peter Govrde*

Towards Optimised BTK Results by Preventing Recoil and Sealing Dissections – TOBA BTK
*Presenter: Marianne Brodmann*

### Live Case from Leipzig

Prognostic Impact of Revascularization versus Conservative Therapy for Poor-Risk CLI Patients
*Presenter: Osamu Iida*

The Angiosome Concept: How I Apply it in my Clinical Practice
*Presenter: Yann Goueffic*

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### 6:00 pm

**Close of Day 1**

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### Room 2

## Session 2.1: Current Status and Insights into Contemporary AAA Repair

**Introduction**

Lessons Learned 15 Years after Completion of the EVAR Trials
*Presenter: Jon Matsumura*

Do the Preoperative Functional Status & Comorbidities Really Influence Outcomes in the Era of Minimally Invasive Surgery?
*Presenter: Cliff Buckley*

Is AAA Volume an Important Consideration for Treatment Threshold?
*Presenter: Eric Verhoeven*

Lowering the Threshold for Elective AAA Repair Will Save Lives
*Presenter: Matt Thompson*

Endoanchors for the Treatment of Type 1A Endoleak Secondary to Hostile Neck Anatomy During EVAR
*Presenter: Dittmar Böckler*

3-D Printed Templates to Facilitate Simplified FEVAR
*Presenter: Benjamin Starnes*

Zero Contrast Procedures, Myth or Reality? Pre-Interventional Workup with MR Angiography, Followed by CO2 Angiography
*Presenter: Jos van den Berg*

### Discussion

**DEBATE: We Should Reduce the Threshold for AAA Repair**

**FOR the motion: Matt Thompson**

**AGAINST the motion: Irwin Mohan**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2.2: Scrub in With the Experts: Challenging Aortic Aneurysm Cases</th>
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<tbody>
<tr>
<td></td>
<td><strong>How NOT to Treat a Ruptured AAA</strong></td>
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<tr>
<td>Presenter</td>
<td>Eric Verhoeven</td>
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<tr>
<td></td>
<td><strong>Management of a Challenging Aortic Arch Aneurysm in Zone 1</strong></td>
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<tr>
<td>Presenter</td>
<td>Brendan Stanley</td>
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<td><strong>Management of a Giant AAA, more than 16cm in Diameter!</strong></td>
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<tr>
<td>Presenter</td>
<td>Jacques Busquet</td>
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<td><strong>The Challenge of the Accessory Renal Artery</strong></td>
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<td>Presenter</td>
<td>Glen Benveniste</td>
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<td><strong>In-Situ Arch Fenestration Case with Temporary Bypass Graft Cerebral Perfusion</strong></td>
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<tr>
<td>Presenter</td>
<td>Ravi Huilgol</td>
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<thead>
<tr>
<th>Time</th>
<th>Session 2.3: What’s Wrong with EVAR and How Can it be Improved?</th>
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<tbody>
<tr>
<td></td>
<td><strong>The Injustice of Recognizing One Person for a Landmark Invention or Contribution While Ignoring Others and the Circumstances That Made it Possible in the First Place: The Myth of the Lone Pioneer</strong></td>
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<tr>
<td>Presenter</td>
<td>Frank Criado</td>
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**Live Case From Sydney**

<table>
<thead>
<tr>
<th>Time</th>
<th>Welcome Reception</th>
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<tr>
<td>6:00 pm</td>
<td>Close of Day 1</td>
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<tr>
<td>6:00 – 7:30 pm</td>
<td>Welcome Reception <strong>Venue: Parkside Ballroom</strong></td>
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ENDOVASCULAR MASTERCLASS AND GLOBAL EXPERT DISCUSSION FORUM

Friday 8 December
Day 2: Venue: Parkside Ballroom – Level 2

7:00 am – 6:00 pm  Registration Desk Open  Venue – Parkside Ballroom Level 2

Room 1

8:00 – 9:30 am  Session 1.4: Combination Therapy in the Periphery
Can a Bare Metal Stent and DCB Combination Give Superior Results to Either Alone? The DEBAS Trial
Presenter: Patrice Mwipitayi
Economic Analysis of SFA Interventions – Angioplasty, Standard Nitinol Stents, Interwoven Stents, and DCB
Presenter: Brian DeRubertis
Can the Use of Supera with Drug Coated Balloon Improve Results Compared with Stent Alone?
Presenter: Peter Goverde

Live Case from Leipzig
Is There a Place for Lithoplasty to Disrupt Calcium and Assist Drug Transfer with DCB?
Presenter: Marianne Brodmann
Combination Therapy with Atherectomy: The Solution for Complex Lesions?
Presenter: Ravish Sachar
12-Month Results of the Biolux4Ever Trial Combining Bare Metal Stent with DCB
Presenter: Koen DeLoose
Combining Common Femoral Endarterectomy with Peripheral Intervention: Bespoke Hybrid Surgery is the Best of Both World
Presenter: Andrew Hill

9:30 – 11:00 am  Session 1.5: Technical Success and Durability for the SFA
How Should we Define Success for SFA Interventions? What are the Limitations of TLR and Patency Endpoints
Presenter: Stefan Müller-Hülsbeck

Live Case from Sydney
How to Manage the Long and Severely Calcified SFA CTO - From A to Z
Presenter: Jihad Mustapha
Techniques and Technologies to Maximize your Chances of Success Crossing Difficult CTOs
Presenter: Ian Spark
An Australian Based Cost Analysis Comparing the Use of Drug Coated Balloons and Drug Eluting Stents in Patients with PAD
Presenter: Gerard Goh

11:00 – 11:30 am  Morning Tea  Venue: Parkside Ballroom

11:30 – 1:00 pm  Session 1.6: Deep Venous Stenting
May-Thurner Syndrome: From Swollen Legs to DVT, Pathways of Care to Define Our Approach to Intervention
Presenter: Michael Jaff
Preoperative Imaging for Ilio-Femoral Venous Obstruction
Presenter: Gerard O’Sullivan

Live Case from Sydney
Individualising Your Patient’s Anatomy to the Attributes of Dedicated Venous Stents
Presenter: Ramon Varcoe
Devices and Techniques for Deep Venous Recanalization
Presenter: Brian DeRubertis
# ENDOVASCULAR MASTERCLASS AND GLOBAL EXPERT DISCUSSION FORUM

## Stenting Under the Inguinal Ligament - Strategies for Stent Choice and Patient Selection  
**Presenter:** Stephen Black

## Post-thrombotic Iliac and Femoral Vein Obstruction - Strategies Beyond Iliac Vein Stents  
**Presenter:** Ramesh Tripathi

## An Australian Experience with the New Venovo Dedicated Venous Stent  
**Presenter:** Steven Dubenec (via satellite)

### 1:00 – 2:00 pm  
**Lunch  
Venue:** Parkside Ballroom

### 2.00 – 3.30 pm  
**Session 1.7: Juxta-Renal Aneurysms & the Hostile Infra-Renal Neck**

<table>
<thead>
<tr>
<th>Title</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>5-years Results from the ENGAGE Registry: Long term Outcome in the Octogenarian Population</td>
<td>Patrice Mwipitayi</td>
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<tr>
<td>Live Case from Sydney</td>
<td>Bernard Bourke</td>
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<td>Endoanchors: Only for Bailout or Should They be Routine?</td>
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<tr>
<td>Is There a Real Difference Between 3-4 Vessel Fenestrated Cases and Those With 1-2?</td>
<td>Eric Verhoeven</td>
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<tr>
<td>The Use of Fusion Software and Dyna CT to Facilitate Fenestrated EVAR</td>
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<tr>
<td>Type 1 Endoleaks Do Not Exist with Properly Planned FEVAR - “The Concept of Effective Seal Zone”</td>
<td>Benjamin Starnes</td>
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<tr>
<td>Discussion DEBATE: FEVAR Will Always be Superior to ChEVAR for the Short Neck</td>
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<td>FOR the motion: Eric Verhoeven</td>
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<td>AGAINST the motion: Frank Criado</td>
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### 3:30 – 4:00 pm  
**Afternoon Tea  
Venue:** Parkside Ballroom

### 4.00 – 6:00 pm  
**Session 1.8: Challenges in the Thoracic Aorta**

<table>
<thead>
<tr>
<th>Title</th>
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<tbody>
<tr>
<td>THORACIC DISSECTION</td>
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<tr>
<td>The Use of Early TEVAR for the Treatment of Type B Aortic Dissection - Where is it Indicated?</td>
<td>Dittmar Böckler</td>
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<tr>
<td>TEVAR for Type B Aortic Dissection with “Radiologic Malperfusion” (collapsed true lumen): Can this be supported with evidence?</td>
<td>Frank Criado</td>
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<tr>
<td>Discussion - Can we Agree on the High-Risk Indications for Uncomplicated TBAD and the Best Timing?</td>
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<td>Discussion - Are all dissections complicated?</td>
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<tr>
<td>Management of the False Lumen in Chronic Aortic Dissection</td>
<td>Andrew Holden</td>
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<tr>
<td>The Treatment of Chronic Type B Aortic Dissection with Fenestrated and Branched Devices Are all Dissections Complicated?: Long-Term Results</td>
<td>Eric Verhoeven</td>
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<tr>
<td>Discussion - The Emerging Role of False Lumen Treatment in Managing Chronic Dissection</td>
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<td>THE AORTIC ARCH</td>
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<tr>
<td>5-Year Results for the Gore C-Tag Device in Treating Thoracic Aneurysm</td>
<td>Dittmar Böckler</td>
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<tr>
<td>Stroke Prevention Solutions for Aortic Arch Endografting: What is on the Horizon?</td>
<td>TBC</td>
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</tbody>
</table>
Discussion - Does Current New Technology Get Us All the Way to the Valve? Or, What are the Unmet Needs We Need to Focus On?

Discussion - How Many Patients Can Really Be Treated This Way?

In-situ Fenestration and Proximal Scallops in the Treatment of Disease in the Aortic Arch

**Presenter:** Jos van den Berg

Advanced Branch and Fenestrated Endograft Options for Complete Endovascular Treatment of the Aortic Arch

**Presenter:** Thodur Vasudevan

Discussion - Endografting the Arch. What are the Winning Platforms? Is it Still too Early to Tell?

Discussion - Stroke Prevention in Aortic Arch Endografting. What is Likely to Work?

7:30 – 11:00 pm  
**Symposium Dinner**  
**Venue:** Dockside

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**Room 2**

**8:00 – 9:30 am**  
**Session 2.4: Challenges in the Treatment of Superficial Venous Disease and Truncal Reflux**

From Thermal Ablation to Cyanoacrylate: Achieving Complete Care in an Ambulatory Setting

**Presenter:** Nabeel Ibrahim

**Live Case from Sydney**

Lessons Learned and Results Using Venaseal as an Early Adopter

**Presenter:** Shannon Thomas

Latest Updates On Endovenous Laser for the Treatment of Truncal Vein Insufficiency

**Presenter:** Sanjay Nadkarni

The Relevance of the Anterolateral Thigh Vein and Management Options

**Presenter:** Peter Subramniam

Sclerotherapy, Cutaneous Lasers and Cyanoacrylate - Which Modality to use for Reticular and Telangiectatic Veins of the Lower Limb

**Presenter:** Stefania Roberts

Calf DVT After Venous Ablation - To Treat or Not to Treat?

**Presenter:** Abdullah Omari

The Relationship Between Lower Extremity Reflux and Distant Venous Compression Syndromes

**Presenter:** David Huber

Treatment options for the Small Saphenous Vein

**Presenter:** Mark Malouf

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**9:30 – 11:00 am**  
**Session 2.5: More Venous Topics - Pelvic Congestion, IVC and PE Management**

The Prevalence of Pelvic Vein Reflux and Criteria for Treatment

**Presenter:** Laurencia Villalba

Embolisation Options in the Treatment of Pelvic Congestion Syndrome and Varicocoele

**Presenter:** Gerry O’Sullivan

**Live Case from Sydney**

Contemporary Management of Venous Thoracic Outlet Syndrome

**Presenter:** Jacques Busquet

Vena Cava Filters - Time to Place, and Time to Retrieve - Are the Indications Clear?

**Presenter:** Michael Jaff

Step-by-step Technique for Difficult IVC Filter Retrieval

**Presenter:** Brian DeRubertis

The Development of a Pulmonary Embolus Response Team: Challenges and Results So Far

**Presenter:** Luke Baker
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 11:00 – 11:30 am  | **Morning Tea**  
Venue: Parkside Ballroom                                                |
| 11.30 – 1.00 pm   | **Session 2.6: Current Concepts and Updates for the Future of Carotid Intervention**  
5-Year Results from the ACT-1 Trial: CAS vs CEA in Asymptomatic Patients  
**Presenter:** Jon Matsumura  
Closed Cell versus Dual Layer Carotid Stent Design - Are There Differences in Clinical Outcome?  
**Presenter:** Stefan Müller-Hülsbeck  
Results from the SCAFFOLD Study of the Gore PTFE-Mesh Covered Carotid Stent  
**Presenter:** Peter Schneider  
The Type 3 Aortic Arch is NOT a Contraindication to CAS  
**Presenter:** Bernard Bourke  
The Rapid Emergence of Transcervical Access for CAS: Will CEA Finally be Dethroned?  
**Presenter:** Frank Criado  
Is Transcervical CAS a Useful Technique or Simply for Those Less Skilled at Catheter Intervention?  
**Presenter:** Giancarlo Biamino  
Integrated Embolic Protection Technology - The EnTrap Trial  
**Presenter:** Ravish Sachar  
Discussion  
**DEBATE:** The Development of Dual Layer Micromesh Stents and Transcervical Access Represent the Future of Carotid Intervention, Sure to Surpass CEA  
*FOR the motion:* Peter Schneider  
*AGAINST the motion:* Andrew Hill |
| 1:00 – 2:00 pm    | **Lunch**  
Venue: Parkside Ballroom |
| 2.00 – 3.30 pm    | **Session 2.7: Dialysis Access**  
Long-Term Results Using Drug Coated Balloons in the AVF  
**Presenter:** John Swinnen  
**Live Case from Sydney**  
Flow Dynamics and 3-D Modelling of the AV Fistula at the Bedside May Translate to Better Care  
**Presenter:** John Carroll  
The Role of Drug Coated Balloons in the AV Fistula  
**Presenter:** Gerard Goh  
**Live Case from Sydney**  
Methods to Improve Patency After Dialysis Access Intervention  
**Presenter:** Jos van den Berg  
Using the Supera Intervenous Nitinol Stent to Treat the Juxta-Anastomotic AV Fistula Stenosis  
**Presenter:** Shannon Thomas (via satellite) |
| 3:30 – 4:00 pm    | **Afternoon Tea**  
Venue: Parkside Ballroom |
| 4.00 – 6.00 pm    | **Session 2.8: Peripheral Intervention Challenging Traditional Surgical Zones**  
How the “No-Stent Zones” Policy has Become Obsolete and Unnecessary in the Age of Novel Stent Technology and Swirling Blood Flow  
**Presenter:** Frank Criado  
**Live Case from Leipzig**  
DCB May be the Treatment of Choice for the Popliteal Artery - Insights from the IN.PACT Flexion Study  
**Presenter:** Koen DeLoose  
What is the Evidence for Endovascular Treatment of the Popliteal Artery?  
**Presenter:** Peter Schneider  
2-Year Results from the TECCO Trial: An RCT Comparing Stenting to Open Surgery for Common Femoral Artery Stenosis  
**Presenter:** Yann Goueffic |
Stenting of the Common Femoral Artery: Is it Feasible and What is the Best Technique?
*Presenter: Peter Goverde*

Shockwave Lithoplasty May be an Option for Treatment of the Common Femoral Artery
*Presenter: Marianne Brodmann*

Latest Results from the ZILVERPASS Study: An RCT Comparing DES to Fem-Pop Bypass
*Presenter: Koen KeLoose*

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7:30 – 11:00 pm  Symposium Dinner  *Venue: Dockside*
Room 1

8:00 – 9:30 am

Session 1.9: The Current State of Anti-Restenotic Therapy for the SFA
Antirestenotic Therapy: Is the DCB the New Standard of Care in the SFA?
Presenter: Fabrizio Fanelli

Live Case from Leipzig
IN.PACT SFA 4 Year Results Update
Presenter: Peter Schneider
IN.PACT Global Registry 2 Year Results Update
Presenter: Michael Jaff
Drug Coated Balloon Angioplasty in Long Femoropopliteal Lesions: 2-Year Results with Medtronic IN.PACT Admiral
Presenter: Ian Spark
Scaffolds: Is There a Place for Stents in the Era of DCB?
Presenter: Koen DeLoose
Vessel Preparation: What, When and Where is it Needed?
Presenter: Ravish Sachar

9:00 – 11:00 am

Session 1.10: Below-the-Knee and Retrograde Interventions
What is the Evidence for an “Endovascular-First” Approach to CLI
Presenter: Yann Goueffic

Live Case from Leipzig
Technique and Devices for Retrograde Access
Presenter: Brian DeRubertis
Tips and Tricks for Pedal Access; From Set-Up to Managing Your Access...How to Get Started
Presenter: Jos van den Berg
OK, I Have Bi-Directional Access but I Can’t Get Through...What to do Next?
Presenter: Koen DeLoose

Live Case from Leipzig
12-Month Results from the Lutonix BTK Trial
Presenter: Jihad Mustapha
The Soundbite Guidewire as a New CTO Guidewire for Crossing Calcified CTO’s
Presenter: Marianne Brodmann
When is below-the-ankle angioplasty indicated and how to introduce it into your practice?
Presenter: Peter Schneider

11:00 – 11:30 am

Morning Tea
Venue: Parkside Ballroom

11:30 – 1:00 pm

Session 1.11: The Endovascular Treatment of Ruptured AAA
Experience with Over 300 Ruptured AAA - Lessons Learned
Presenter: Benjamin Starnes

Live Case from Sydney
Systems Improving Care for Aortic Emergencies: The University of Wisconsin Way
Presenter: Jon Matsumura
Latest Results from the IMProVE (Ruptured AAA) Study
Presenter: Matt Thompson
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>1:00 – 2:00 pm</td>
<td>Lunch</td>
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<tr>
<td>2.00 – 3.30 pm</td>
<td>Session 1.12: Aorto-Iliac Occlusive Disease</td>
<td>Cliff Buckley</td>
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<td>Current Status and Evolution of the CERAB Technique: Where are we in 2017?</td>
<td>Peter Goverde</td>
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<td>Live Case from Sydney</td>
<td>Shannon Thomas</td>
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<td>The Use of Viabahn Stent-Grafts to Treat Aortoiliac Occlusive Disease</td>
<td>Giancarlo Biamino</td>
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<td>The Place for Covered Stents, DCB and Open Surgery in Aorto-Iliac Disease: What is the Evidence?</td>
<td>Andrew Holden</td>
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<td>Balloon Expandable Covered Stents in Arterial Interventions - Suddenly a Crowded Space!</td>
<td>Fabrizio Fanelli</td>
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<td>3:30 – 4:00 pm</td>
<td>Afternoon Tea</td>
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<td>4:00 – 6:00 pm</td>
<td>Session 1.13: Peripheral</td>
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<td>Crossing Catheter Technology: What to Turn to When You Can’t Get Through That Lesion</td>
<td>Yew-Ming Kuan</td>
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<td>Live Case from Leipzig</td>
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<td>Retrograde Tibial Access - A “New” Approach for SFA Recanalization</td>
<td>Giancarlo Biamino</td>
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<td>Vessel Preparation is Key to Success: An Old Forgotten Concept, Now Reinvented</td>
<td>Yann Goueffic</td>
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<td>The BATTLE Trial: Comparing Bare Metal to Drug Eluting Stents for Intermediate Length Lesions of the SFA</td>
<td>Osamu Iida</td>
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<td>Japanese One-Year Results for DCB Treatment in patients with Femoropopliteal Occlusive Disease</td>
<td>Stefan Müller-Hülsbeck</td>
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<td>“Crush Stenting” An Alternative Approach to Manage Occluded Femoropopliteal Stents</td>
<td>Domenic Robinson</td>
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<tr>
<td>6:00 pm</td>
<td>Close of Symposium</td>
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Room 2

8.00 – 9.30 am  Session 2.9: Current and Emerging Embolisation Techniques
The ABC’s of Embolisation Technique: All You Need to Know
Presenter: Luke Baker

Live Case from Sydney
Endovascular Techniques for Visceral Artery Aneurysm Treatment
Presenter: Stefan Müller-Hülsbeck
Endovascular Management of Symptomatic Coeliac Artery Aneurysms
Presenter: Jacques Busquet
The Miniaturization of Vascular Occlusion Plugs: How this Can Assist Our Practice
Presenter: TBC
Direct Sac Puncture for Type II Endoleak: How I do it, Tips and Tricks
Presenter: Fabrizio Fanelli
State of the Art Treatment Options for Primary Liver Malignancies and Metastatic Disease
Presenter: Lourens Bester

9:30 – 11:00 am  Session 2.10: Strategic Directions in the Battle Against Abdominal Aortic Aneurysm Disease
Panellists: E. Verhoeven, M. Thompson, B. Starnes, J. Matsumura, D. Böckler
Case 1 – Eric Verhoeven
Case 2 – Matt Thompson
Case 3 – Peter Schneider
Case 4 – Benjamin Starnes
Case 5 – Jon Matsumura
Case 6 – Dittmar Böckler

11:00 – 11:30 am  Morning Tea  Venue: Parkside Ballroom

11:30 – 1:00 pm  Session 2.11 My Worst Venous Disaster…Lessons Learned and How to Avoid them in Your Practice!
Pharmacological Management of Patients After Venous Stenting - Strategies to Prevent Stent Thrombosis
Presenter: Stephen Black
Technical Tips and Tricks for Iliofemoral Venous Obstruction
Presenter: Gerard O’Sullivan
Cautionary Tales from the Removal of IVC Filters - I Hope That Never Happens to Me!
Presenter: Perter Charalabidis
My Biggest Venous Disaster…from Sydney
Presenter: Mark Malouf
My Biggest Venous Disaster…from London
Presenter: Stephen Black
My Biggest Venous Disaster…from Adelaide
Presenter: Ewan Macauley
My Biggest Venous Disaster…from Galway
Presenter: Gerard O’Sullivan

1:00 – 2:00 pm  Lunch  Venue: Parkside Ballroom

2:00 – 3:30 pm  Session 2.12: Future Technological Development in the Treatment of Vascular Disease
Novel Nano-Polymers May be Useful for SFA Stents
Presenter: Glen Benveniste
What Does the Future Hold for the Training of Endovascular Skills?
Presenter: Tony Freeman
Novel Therapeutic Approaches for Claudication and CLI with Recombinant Human Elastase
Presenter: Jihad Mustapha

6:00 pm  Close of Symposium
REGISTRATION INFORMATION

Fees are in Australian Dollars (AUD)

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<tr>
<th>Conference Fees (inc GST)</th>
<th>Before 30 October</th>
<th>After 30 October</th>
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<tr>
<td>Full Delegates – Clinicians and Surgeons</td>
<td>$1099</td>
<td>$1199</td>
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<tr>
<td>Full Delegates – Trainees/Health Professionals/Sonographers</td>
<td>$400</td>
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<tr>
<td>CLI Global Society Members</td>
<td>$949</td>
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<td>Day Registration – Clinicians and Surgeons</td>
<td>$575 per day</td>
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<tr>
<td>Day Registration – Trainees/Health Professionals</td>
<td>$250 per day</td>
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<td>Thursday Afternoon – Clinicians and Surgeons</td>
<td>$280</td>
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<td>Thursday Afternoon – Trainees/Health Professionals</td>
<td>$140</td>
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<tr>
<td>Thursday Morning – Vascular Ultrasound Meeting</td>
<td>$200</td>
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<td>Thursday Morning Vascular Ultrasound Meeting and Thursday Afternoon VERVE Symposium for Sonographers</td>
<td>$275</td>
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<td>Additional Thursday Welcome Reception Tickets</td>
<td>$65</td>
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<td>Additional Friday Dinner Tickets</td>
<td>$165</td>
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<td><strong>Total Fees</strong></td>
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Full Delegate Registration Fee Includes:
- Attendance at sessions
- Program workbook including cases
- Lunches and refreshments on Thursday afternoon, Friday and Saturday
- Welcome Reception on Thursday evening
- Symposium Dinner on Friday evening

Half Day Registration Includes:
- Attendance at sessions
- Program workbook including cases
- Refreshments

Registration Process: Registration for the Symposium is via www.vervesymposium.com

Method of Payment: Payment is by credit card – Visa – Mastercard – AMEX or bank transfer.

If funding is being sought through your institution, please keep a copy of your registration tax invoice/receipt to follow up on its progress through your institute’s accounts department.

Delegates whose registration fees have not been received prior to the Symposium will be required to pay their registration by personal credit card prior to the Symposium or on registration. No registration fees are to be outstanding following the Symposium.

Cancellation and Refund Policy: Cancellations received **prior to 30 October** will receive a full refund less AUD$150 cancellation fee. Registration refunds **after 30 October** will only be made in exceptional circumstances and must be notified in writing to the Symposium Secretariat.

Liability: In the event of industrial disruption or other unforeseen circumstances, the VERVE Symposium and the Conference Management Company - L&R Contract Business Services - accepts no responsibility for loss of monies incurred by delay.

Registration Acknowledgement: All registrations will be acknowledged with a tax invoice via email once online registration has been completed. Further details regarding the Symposium will be emailed in advance of the Symposium.

Registration Desk: The registration desk will be located in the Parkside Ballroom on Level 2 of the Sydney International Convention Centre Darling Harbour.

Opening Hours: The Registration Desk will be open from 1100 on Thursday 7 December and throughout the Symposium.
Accommodation has been secured by the Symposium Secretariat, at discounted rates at the following hotels. Bookings can be done online via the Symposium website – www.vervesymposium.com or by completing the registration form and emailing it through to the secretariat.

Please note that bookings are limited and all bookings must go through the conference secretariat to achieve the rates.

- City View - $389 per room per night
- Pyrmont View - $359 per room per night
If you wish to include breakfast, please add an additional $25 per person

**Novotel Sydney Rockford Darling Harbour** – www.novotelrockforddarlingharbour.com.au
- $319 per room per night
If you wish to include breakfast, please add an additional $30 per person

**Closing date for accommodation – 30 October 2017**

Hotel bookings are to be made through the VERVE Symposium Website www.vervesymposium.com

*Note: All accommodation will be confirmed through the Conference Secretariat. A one night’s deposit is required with all bookings.*

*Accommodation prior to or following the dates of the Symposium will be available on a request basis.*

**Check in time is 1400.**

Please note that the hotel will not guarantee availability of your room before 1400. If you are not arriving at the hotel prior to 1800, please advise the Symposium Secretariat, to ensure that your room is kept for you.

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**Social Program**

**Thursday 7 December**

1800 – 1930 Welcome Reception, International Convention Centre
- A great opportunity to renew friendships and meet colleagues in a relaxed environment.
- Evening otherwise at leisure

*Reception is included in registration fee for fully registered delegates*

**Friday 8 December**

1900 – 2230 Symposium Dinner – Dockside, Cockle Bay, overlooking the Convention Centre and Darling Harbour - one of Sydney’s highlights

*Symposium Dinner is included in registration fee for fully registered delegates*

*Additional social tickets can be purchased via the website and or registration form.*
**Venue**

International Convention Centre (ICC) Sydney Darling Harbour was completed in late 2016 and is one of Sydney’s newest and state of the art venues. It is close to the CBD and shopping area.

It is approximately 40 minutes from Sydney’s international and domestic airport. Darling Harbour is surrounded by restaurants, cafes, attractions and hotels.

**Climate**

December in Sydney is usually a month with sunshine and temperatures around the mid 20s.

**Visas**

For delegates travelling from overseas, please check your visa, passport and health requirements before your intended date of travel. You must have a minimum of two blank pages in your passport and six month validity until the expiration date.

It is important to check with the Australian Embassy website in your home city or visit http://www.immi.gov.au/skilled/business/business-visit-visa-options.htm in view of changes to Visas

**DATES FOR THE DIARY**

Early Bird Closing Date for Registration – 30 October 2017

Closing Date for Accommodation – 30 October 2017

**FURTHER ENQUIRIES**

VERVE Symposium Secretariat
Telephone: +61 413016300; Email: conferences@vervesymposium.com

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