The 10th International Spark of Life conference is dedicated to Professor Ian Jacobs following his untimely death on 19th October 2014

For over 25 years Ian served the Australian Resuscitation Council tirelessly in various roles, including Chairman since 2000. His contribution to the national and international resuscitation community was immense.

We at the Australian Resuscitation Council are privileged to have worked with this passionate supporter of resuscitation.

The international resuscitation community has lost an inspirational leader, a prolific academic, and a great friend. He will be sadly missed.

The Conference Logo, “The Spark of Life”, symbolises the vital essence of energy which keeps the human heart beating and the drive to breathe. It is the energy spark which is still present when the heart stops because of accident or illness; and which can be fanned to the flame or full life again, by timely cardiopulmonary resuscitation.

The original Conference Logo was designed by Mr Paul Ramsden, Artist of Brisbane, as a voluntary service.
Dear Colleague,

The Tenth International “Spark of Life” Conference will be held in Melbourne on 16 – 18 April 2015 with the theme of “Front Line to Recovery”. The scientific content of the program promises to deliver the latest resuscitation science and importantly its translation to resuscitation practice, thereby strengthening each of the links in the “chain of survival”.

A faculty of international and Australian speakers with expertise in many facts of resuscitation have accepted our invitation to participate in the conference. The conference program is designed to ensure the content will be relevant and informative to all involved in resuscitation teaching and practice.

This conference is being held in Melbourne at the Hilton on the Park, East Melbourne. Consistent with previous Spark of Life conferences, a significant Trade Exhibition will give conference participants the opportunity to view and explore the latest in resuscitation equipment and training materials. Pre-conference workshops will also be held prior to the conference where participants will be able to undertake specific and concentrated educational activities.

The Spark of Life conference provides an excellent opportunity to update knowledge as well as meet with old friends and make new acquaintances. I warmly welcome you to attend the 10th Spark of Life conference and look forward to meeting you in Melbourne in 2015.

A/Professor Peter Morley
National Deputy Chairman
THE COUNCIL

The Australian Resuscitation Council is a national voluntary coordinating body which represents all major groups involved in the teaching and practice of resuscitation. Sponsored by the Royal Australasian College of Surgeons and the Australian and New Zealand College of Anaesthetists it consists of:

• Australasian College for Emergency Medicine
• Australian College of Critical Care Nurses Ltd
• Australian Defence Force
• Australian and New Zealand College of Anaesthetists
• Australian and New Zealand Intensive Care Society
• Australian Red Cross
• Cardiac Society of Australia and New Zealand
• College of Emergency Nursing Australasia
• Council of Ambulance Authorities
• National Heart Foundation of Australia
• Paramedics Australasia
• Royal Australasian College of Surgeons
• Royal Australian College of General Practitioners
• Royal College of Nursing, Australia
• Royal Life Saving Society Australia
• St John Ambulance Australia
• Surf Life Saving Australia
• State Branches of the Council

CONFERENCE COMMITTEE

Mrs Carol Carey (Conference Convenor)

Executive Committee
Dr Richard Aickin
Professor Julie Considine
Professor Hugh Grantham
Dr Natalie Hood
Dr Helen Liley
A/Professor Peter Morley
A/Professor Michael Parr
A/Professor Jim Tibballs
A/Professor Tony Walker
A/Professor Darren Walters
INTERNATIONAL KEYNOTE SPEAKERS

Professor Maaret CASTREN (Finland)
Maaret Castrén is a nurse, an anesthesiologist and an emergency physician. She is at the moment working as the Medical Director of the Emergency Care, HUCS in Helsinki, Finland. She became the first professor of Emergency Medicine in Sweden at Karolinska Institutet 2007, and the first professor in Emergency Medicine in Finland at Turku University 2012. She has an international research group validated as excellent, near to outstanding when the Karolinska research groups were validated by external experts. Maaret has been the Chair of European Resuscitation Council since 2012 and is the Co-chair for the ILCOR guidelines congress 2015.

Professor Gavin PERKINS (UK)
Gavin Perkins is Professor of Critical Care Medicine at the University of Warwick and Consultant Physician at Heart of England NHS Foundation Trust and Medical Emergency Resuscitation Team (MERIT) Consultant with West Midlands Ambulance Service.
Prof Perkins graduated from the University of Birmingham and trained in the West Midlands region, initially as a respiratory physician before specialising in critical care medicine. He has a long-standing interest in cardiac arrest care and has established research programmes to explore the effectiveness of CPR feedback devices, mechanical CPR devices and debriefing as tools to improve outcomes from cardiac arrest.
He currently serves as a Director of Research for the UK Intensive Care Foundation and Chair of the Resuscitation Council (UK) Advanced Life Support Committee and European Resuscitation Council BLS / AED Working Group. He also Chairs the International Liaison Committee for Resuscitation BLS/AED Task Force.
Mr Jonathon WEBBER (New Zealand)

Jonathon Webber is an Advanced Qualified Lifeguard with over 25 years’ experience at Piha Beach on Auckland’s West Coast and an Honorary Senior Clinical Tutor in the Department of Anaesthesiology at the University of Auckland and Resuscitation Officer at Auckland City Hospital.

Jonathon’s voluntary roles include: Senior Advisor to Pakistan Aquatic Life Saving, Board Member for WaterSafe Auckland, and member of the Piha SLSC Callout Squad. For Surf Life Saving Northern Region (NZ), he has held the roles of Director of Lifesaving, Director of Regional Services, Duty Operations Officer, and Medical Advisory Group member. He currently represents Surf Life Saving New Zealand on the New Zealand Resuscitation Council and is a member of the International Life Saving Federation Rescue Operations and Medical committees.

Jonathon has authored and co-authored several journal articles, textbook chapters and national surf lifesaving policies. He has presented and published work on drowning detection and response, lifeguard perception and performance of CPR, leisure-related injuries at NZ beaches, and airway management, first aid training and resuscitation in the aquatic environment.
AUSTRALASIAN VISITOR

A/Professor Ian CIVIL (New Zealand)

Ian is a graduate of the University of Auckland School of Medicine completing his MBChB in 1976. His initial surgical training was undertaken in Auckland where he completed his general surgical fellowship in 1983. In the mid-80s he worked in the USA for three years, first as a vascular surgery fellow at the Cleveland Clinic and then as a trauma fellow in the Southern New Jersey Regional Trauma Center in Camden, NJ.

After returning to NZ in 1987, Ian took up a combined University of Auckland/Royal NZ Army Medical Corps appointment in which he served for 5 years. In 1990-1 he led the NZ Army Medical Team to the first Gulf War.

He has served on a number of international trauma organisations becoming President of the Association for the Advancement of Automotive Medicine (AAAM) in 1999 and President of the International Association for the Surgery of Trauma and Intensive Care (IATSIC) from 2007-2009. Ian is a founding member of the Australasian Trauma Society and served as President from 2011-2013. He was a RACS Councillor from 2003-2012 and from 2010-2012 served as President.

Ian is a member of the Editorial Boards for the World Journal of Surgery and the World Journal of Emergency Surgery, Associate Editor of Traffic Injury Prevention, Senior Editor of the Australian and NZ Journal of Surgery and Deputy Editor of INJURY.

In 2012 Ian was appointed Clinical Leader of the Major Trauma National Clinical Network for the Ministry of Health and ACC, and Clinical Leader of the Perioperative Harm Advisory Group for the Health Quality and Safety Commission. Ian is an Associate Professor of Surgery with the University of Auckland and practices as a General and Vascular surgeon at Auckland City Hospital where he is the Director of Trauma Services.
VENUE
The Tenth Spark of Life International Conference will be held at the Hilton on the Park, East Melbourne on 16-18 April 2015.

REGISTRATION CENTRE
Registration opening times as follows:

- Thursday 16 April 2015 - Neonatal Satellite meeting 7.30am
- Thursday 16 April 2015 - Cocktail reception. The registration desk will be open for those wishing to register for the two day SOL conference.
- Friday 17 April and Saturday 18 April 2015 - 7.30am - 5.30pm

Registration Fees:

Neonatal Satellite Meeting Thursday 16 April 2015
$290.00 + 10% GST = $319.00

2 Day SOL Conference 17 & 18 April 2015
$580.00 + 10% GST = $638.00 (Before 16 March 2015)
$630.00 + 10% GST = $693.00 (After 17 March 2015)

LUNCH, MORNING AND AFTERNOON TEAS
Lunch, morning and afternoon teas will be provided on both days of the Conference for all registered conference delegates.

TRADE EXHIBITION
The trade exhibition will be situated on the Mezzanine Floor. Morning & afternoon teas and lunch will be served in this area.

WELCOMING COCKTAIL PARTY
The Welcoming Cocktail Party will be held between 6.00pm and 8.00pm on Thursday evening 16 April 2015. This is free of charge for delegates registered for the two day conference.

ACCOMPANYING PERSONS

- Welcoming Cocktail Party: $40.00/head
- Conference Dinner: $138.00/head

(An accompanying person is not eligible to attend the Neonatal Satellite Meeting or the two day scientific meeting.)

CONFERENCE DINNER
There will be a Conference Dinner on Friday 17 April 2015 at the Hilton on the Park from 7.30 pm for 8.00pm. Dress will be lounge suit. Cost of the dinner is $138.00/head (Inclusive of GST).

IMPORTANT DATES
31st January 2015  Close of Submission of Abstracts and Poster presentations.
16 March 2015  Close of early bird Registration Fee
17 March 2015  Late registration fee applies
PRELIMINARY PROGRAM – SOL CONFERENCE
FRIDAY 17 April 2015

0830–1030 Welcome
(1 x 30 mins) Chair: National Deputy Chairman
"Dedication to Ian Jacobs"
A/Prof Peter Morley

Plenary I
(2 x 45 mins) “Don Harrison Perpetual Lecture”
Australasian Visitor
A/Prof Ian Civil
Resuscitation in Trauma
Important things I have learnt
A/Prof Ian Civil
Emergency Medical Dispatch
The good, the bad and the ugly
Prof Maaret Castren

1030-1100 Morning Tea

1100-1300 Plenary II
(4 x 30 mins) Chair: Prof Hugh Grantham
Mechanical CPR
Prof Gavin Perkins
What you need to know!
Prof Judith Finn
Resuscitation Outcomes
Prof Judith Finn
Separating fact from fiction
Drowning
Mr Jonathon Webber
An update – what we need to know
Advances in Trauma Care
A/Prof Ian Civil
New and promising therapies

1300-1400 Lunch

1400-1530 (3 concurrent sessions) FREE PAPER SESSIONS

1530-1600 Afternoon tea

1600-1730 Plenary III
(3x30mins) Chair: A/Prof Paul Middleton
Quality CPR
A/Prof Peter Morley
Nice idea but does it really improve survival?
A/Prof Stephen Bernard
Post Resuscitation Care
Can we do better?
A/Prof Stephen Bernard
Prognostication in Cardiac Arrest
Prof Gavin Perkins
Are we getting it right?

1730 Close

1930 Conference Dinner
## PRELIMINARY PROGRAM
### SATURDAY 18 April 2015

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<td>Plenary IV</td>
<td>Prof Julie Considine</td>
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<td>(4 x 30 mins)</td>
<td>Prof Maaret Castren</td>
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<td>Therapeutic Hypothermia</td>
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<td>What does the evidence really tells us..?</td>
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<td>Translating this experience to the civilian setting</td>
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<td>Resuscitation training</td>
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<td>1030-1100</td>
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<td>1100-1300</td>
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<td>Chair: Tracy Kidd</td>
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<td>Managing the paediatric arrest</td>
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<td>New strategies to address an old problem</td>
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<td>Q &amp; A</td>
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<td>Have those questions answered.</td>
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<td>1650-1700</td>
<td>Closing remarks</td>
<td>A/Prof Peter Morley</td>
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CONFERENCE ACCOMMODATION

For accommodation bookings at the conference hotel, please follow the link below to receive the Spark of Life Conference rate of $239.00/night for a Hilton King Guest Room: http://www.hilton.com/en/hi/groups/personalized/M/MELHITW-GARCA-20150410/index.jhtml
CALL FOR ABSTRACTS

An abstract form is included in this booklet or from the ARC website www.resus.org.au.

The abstract form is A4 in size and the page setup should be:
Left margin 2.0cm Right margin 2.0cm
Top margin 2.0cm Bottom margin 15.5cm

The title should be 2.0cm from the top of the page; the Authors should be 2.8cm from the top of the page; the Institution/City should be 3.7cm from the top of the page and the text must commence 4.5cm from the top of the page. The type font is Times New Roman in 10 point and the space setting is single space. Please ensure that your abstract is in Word for Windows format.

Abstract Guidelines
• Abstracts are required for ALL presentations including invited speakers.
• The ‘Title’ box should be brief, but explicit and typed in capitals.
• The ‘Authors/Presenters’ box must show initials and then surname only. The surname of the presenting author should be underlined.
• The ‘Organisation/City’ box must show that only. Street address, postcode, state and/or country are not required unless outside Australia when only the city and country are required.
• The abstracts should be no more than 250 words (this does not include titles, authors etc) and must be written in English.
• Abbreviations should be used only for common terms. For uncommon terms, the abbreviation should be given in brackets after the first full use of the word.
• Time allowed for free paper presentations is 10 minutes followed by 5 minutes for questions and discussion.
• Presentations must be provided in Power Point format.
• Facsimiles of abstracts will not be accepted.
• Receipt of abstracts will be acknowledged.

All abstracts must be emailed to ARC@surgeons.org along the lines above and as per the example on the following page.

POSTER PRESENTATIONS
• Posters should not exceed 1.0m by 1.4m.
• Presenters must provide their own materials for mounting the poster. Adhesive Velcro tabs are recommended.
• Presenters will be required to attend their posters during a period of 1-2 hours indicated by the Conference Organiser, to answer questions from delegates and judges.
• The poster should not be overburdened with detail – minimizing detail maximizes information transfer.
• Posters should be in clear print that can be easily read from distances over one metre.
• The title should also display the names of the author(s) and the institutions(s) of origin. Illustrations should be professionally created (hand drawn matter is unacceptable). The poster should contain the study objectives, methods, results and conclusion(s).
• Authors may provide handout material relating to their poster.

A prize will be awarded for the best free paper and best poster.

Please forward abstracts and poster abstracts to arrive no later than 31 January 2015 to:
Mrs Carol Carey, Conference Convenor, Australian Resuscitation Council, C/- Royal Australasian College of Surgeons, 250-290 Spring Street, East Melbourne, Vic. 3002
When it comes to CPR, Quality Counts

QCPR: Quality CPR Saves Lives
In the past decade, a large body of research has identified the quality of CPR performance as the biggest determinant of survival and high quality CPR as the foundation of successful resuscitation. Quite simply, the quality of CPR can mean the difference between life and death.

Measure. Track. Improve.
Laerdal's manikin line with QCPR is designed to provide accurate, objective measurement of CPR skill proficiency and offers instructors a means to engage in performance debriefing for maximum educational efficiency.