



Resuscitation
28 | 29 | 30 September
2017
Freiburg | Germany



RESUSCITATION 2017

Society saving lives

Freiburg im Breisgau, Germany
28 - 30 September 2017

Scientific programme

WWW.ERC.EDU

WWW.RESUSCITATION2017.EU



#erc17freiburg



**EUROPEAN
RESUSCITATION
COUNCIL**

Scientific Programme

Content

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Scientific Committee

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Warwick, United Kingdom*

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European Resuscitation Council, CEO

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Chair:

Jan Bahr

European Resuscitation Council, Past Director Congresses

Members:

Jeroen Janssens

European Resuscitation Council, Congress manager

Michael Müller

University of Freiburg, Freiburg

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Faculty

Janusz Andres

Department of Anaesthesiology and Intensive Care Medicine, Jagiellonian University Krakow, Poland

Richard Aickin

Starship Paediatric Emergency Department, Starship Children's Hospital, New Zealand

Jan Bahr

Bovenden, Germany

John Ballance

Hereford, UK

Roberto Barcala-Furelos

University of Vigo. Spain

Farzin Beygui

Caen University Hospital

Tonje Soraas Birkenes

Laerdal Medical, Stavanger Norway

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University of Cologne, Cologne, Germany

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Clifton W. Callaway

University of Pittsburgh, Pittsburgh, PA, United States

Alain Cariou

Cochin University Hospital and Paris Descartes University, Paris, France

Pascal Cassan

International Federation of Red Cross and Red Crescent

Maaret Castren

Helsinki University Hospital, Finland

Diana Cimpoesu

University of Medicine and Pharmacy Gr.T. Popa Iasi

University County Hospital Sf. Spiridon Iasi, Romania

Robin Davies

Heart of England NHS Foundation Trust, Birmingham, United Kingdom

Emmy de Buck

Centre for Evidence-Based Practice, Belgian Red Cross-Flanders, Belgium

Charles D. Deakin

University Hospital Southampton, United Kingdom

Joe Fawke

University Hospitals Leicester, University of Leicester and Resuscitation Council (UK)

Hans Friberg

Lund University, Lund, Sweden

Michael Fries

St. Vincenz Krankenhaus, Abteilung für Anästhesie und operative

Intensivmedizin, Limburg an der Lahn

Marios Georgiou

American Medical Center - Cyprus

Patric Goldstein

ED and SAMU Lille university hospital France

Jan-Thorsten Gräsner

University Medical Center Schleswig-Holstein, Institute for Emergency Medicine,

Germany

Robert Tino Greif

Bern University Hospital and University of Bern, Bern, Switzerland

Monika Grünfeld

Prehospital unit, Community Health Centre Kranj, Slovenia

Anthony J. Handley

Cambridge, United Kingdom

Kirstie Haywood

Royal College of Nursing Research Institute, School of Health and Social Studies

University of Warwick, United Kingdom

Rudolph Koster

Academic Medical Center, Amsterdam, the Netherlands

Lionel Lamhaut

University of Paris Descartes and Necker Hospital (APHP), Paris, France

Andy Lockey

Calderdale & Huddersfield NHS Trust, Halifax, United Kingdom

Carsten Lott

Universitätsmedizin Johannes Gutenberg-Universität, Mainz, Germany

Ian Maconochie

Imperial College Healthcare Trust, London, United Kingdom

John Madar

Plymouth hospitals NHS trust

Spyros Mentzelopoulos

First Department of Intensive Care Medicine, University of Athens Medical School, Athens, Greece

Koen Monsieurs

Antwerp University Hospital, Antwerp, Belgium

Peter Morley

Royal Melbourne Hospital

Royal Melbourne Hospital Clinical School, The University of Melbourne

Laurie J. Morrison

Rescu, Li Ka Shing Knowledge Institute, St Michael's Hospital, University of Toronto, Toronto Ontario Canada

Michael Müller

University of Freiburg, Freiburg

Vinay Nadkarni

University of Pennsylvania Perelman School of Medicine, Philadelphia, Pennsylvania, USA

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New Zealand Resuscitation Council

Robert Neumar

University of Michigan Health System, USA

Jerry Nolan

University of Bristol and Royal United Hospital, Bath, United Kingdom

Gavin Perkins

University of Warwick and Heart of England NHS Foundation Trust, Warwick, United Kingdom

Charles-Christoph Roehr

Oxford University Hospitals, NHS, United Kingdom

Marc Sabbe

University of Leuven, Leuven, Belgium

Claudio Sandroni

Department of Anaesthesiology and Intensive Care - Catholic University School of Medicine, Rome, Italy

Ferenc Sari

Clinical Training Center, Skellefteå, Sweden

Joachim Schlieber

AUVA Trauma Center, Salzburg, Austria

Federico Semeraro

Maggiore Hospital, Bologna, Italy

Eunice ('Nici') Singletary

University of Virginia, USA

Jasmeet Soar

Southmead Hospital, Bristol, United Kingdom

Kjetil Sunde

Oslo University Hospital, Oslo, Norway

Hildigunnur Svavarsdóttir

Akureyri Hospital, Akureyri, Iceland

Heidrun Thaiss

Director of The Federal Centre for Prevention and Health Promotion (BZgA)

Karl Thies

Birmingham Children's Hospital, UK

Jonathan Tilsed

Hull York Medical School, University of York, United Kingdom

Georg Trummer

Heart Center Freiburg University, Freiburg/Germany

Patrick Van De Voorde

Ghent University - Ghent University Hospital - Fed. Dpt. Health; Belgium

Ulrich Von Kirchbach

Bürgermeister für Kultur, Integration, Soziales und Senioren der Stadt Freiburg im Breisgau

Pre-congress meeting

Thursday September 28



Educator meeting (on invitation only)

Room K1 09:00 - 12:30

Chaired by Robert Greif & Andy Lockey

Intro and overview of the Educator Meeting

Robert Greif (Switzerland)

Role of the Educator and the new ERC framework for peer review

TBD

The "new" ERC GIC 2017

Robert Greif (Switzerland)

Coffee

Faculty and candidate management for the ERC teaching staff

Andy Lockey (United Kingdom)

Quality assurance and auditing for Educators and the GIC

Robert Greif (Switzerland)

Panel Discussion with the WGE



Begrüßung und Eröffnung

Halle 4 08:45 - 09:00

Bernd W. Böttiger

Vorstandsvorsitzender des Deutschen Rates für Wiederbelebung

Heidrun Thaiss

Leiterin der Bundeszentrale für gesundheitliche Aufklärung



Zukunftswerkstatt oder bereits Realität?

Halle 4 09:00 - 10:30

Chaired by Matthias Fischer & Stefan Beckers

Smartphone bei der Reanimation: Die Lösung?

Michael Müller

ECLS - präklinisch Realität?

Georg Trummer

Traumatischer Kreislaufstillstand: Was ist anders?

Matthias Münzberg



Reanimation in der täglichen Praxis

Room K7 09:00 - 10:30

Chaired by Christoph Eich & Hans-Jörg Busch

Kinderreanimation

Florian Hoffmann

ROSC und dann? Postreanimationsbehandlung beginnt am Einsatzort!

Hans-Jörg Busch

Spezielle Umstände bei der Reanimation: Was ist anders?

Claas T. Buschmann

Workshops

09:00 - 10:30

Strukturierte Übergabe von Postreanimationspatienten

Jörg Bayer, Thorsten Hammer, Frank Koberne, Timo Schädler, Bonaventura Schmid, Tobias Wengenmayer

Fokussierte Ultraschalluntersuchung bei der Reanimation

Raoul Breitzkreutz, Caroline Busche, Jörg Hanusch, Jens Schneider

Zwischenfallmanagement in der Luftrettung

Frank Lerch, Daniel Schmitz, Matthias Roth



10:30 - 11:00

Coffee break

Education & Training

Halle 4 11:00 - 12:30

Chaired by Volker Wenzel & Bernhard Gliwitzky

Implementierung der Leitlinien: Wo stehen wir?

Uwe Kreimeier

Der neue ALS-Kurs

Carsten Lott

Auswahl und Ausbildung der Ausbilder

Ralf Bischoini



GRC-Projekte

Room K7 11:00 - 12:30

Chaired by Bernd W. Böttiger & Karl Heinrich Scholz

Cardiac Arrest Center: Warum brauchen wir CAC?

Jan-Thorsten Gräsner

Cardiac Arrest Center: Umsetzung aus Sicht eines Uniklinikums

Markus Roessler

Kids save lives

Bernd W. Böttiger

Nationales Aktionsbündnis Wiederbelebung (NAWIB)

Karl Heinrich Scholz



Workshops

Halle 3 11:00 - 12:30

Strukturierte Übergabe von Postreanimationspatienten

Jörg Bayer, Thorsten Hammer, Frank Koberne, Timo Schädler, Bonaventura Schmid, Tobias Wengenmayer

Nicht-technische Fertigkeiten bei der Reanimation

Markus Schmidt, Matthias Roth

Zwischenfallmanagement in der Luftrettung

Frank Lerch, Daniel Schmitz, Matthias Roth



12:30 - 13:00 Lunch (only for participants of GRC sessions)

BLS Session

Chaired by Joachim Schlieber & Sanna Hoppu *Halle 4 13:00 - 14:30*

What drives blood flow during CPR?

Marios Georgiou (Cyprus)

Compression only CPR - good or bad?

Gavin Perkins (United Kingdom)

Adjuncts to improve CPR effectiveness.

Jas Soar (United Kingdom)

European Trauma Course - Joint Session

Chaired by Anatolij Truhlář & Pierre Carli *Room K7 13:00 - 14:30*

Resuscitative thoracotomy - what is the best access?

Marc Sabbe (Belgium)

Trauma network - improving patients outcome.

Jonathan Tilsed (United Kingdom)

Teaching strategies in trauma management.

Karl Thies (United Kingdom)

Ethical Challenges

Chaired by Leo Bossaert & Silvija Hunyadi-Antičević *Room K1 13:00 - 14:30*

Patient autonomy in Europe: the law and the practice (living will, patient preferences).

Spyros Mentzelopoulos (Greece)

Medical-centered and patient-/family-centered ethics: a dynamic balance.

Kirstie Haywood (United Kingdom)

Early prognostication. Is it possible? Is it helpful?

Claudio Sandroni (Italy)

Free Paper Session 1 - dispatch

Chaired by Michael Baubin & Pierre Mols *Room K9 13:00 - 14:30*

ASo1:

ASo2:

ASo3:

ASo4:

ASo5:

ASo6:

ASo7:



Free Paper Session 2 - paediatrics/neonatels

Chaired by Jonathan Wyllie & Ian Maconochie

Room K6 13:00 - 14:30

ASo8:

ASo9:

AS10:

AS11:

AS12:

AS13:

AS14:

Workshop 1: Focused Sonography during CPR

Instructors:

Halle 3 13:00 - 14:30

Raoul Breikreutz (Germany)

Caroline Busche (Germany)

Jörg Hanusch (Germany)

Tobias Schröder (Germany)

Damjanovic Domagoj (Germany)

Workshop A: Crisis Resource Management in HEMS missions

Instructors:

Helicopter 13:00 - 14:30

Frank Lerch

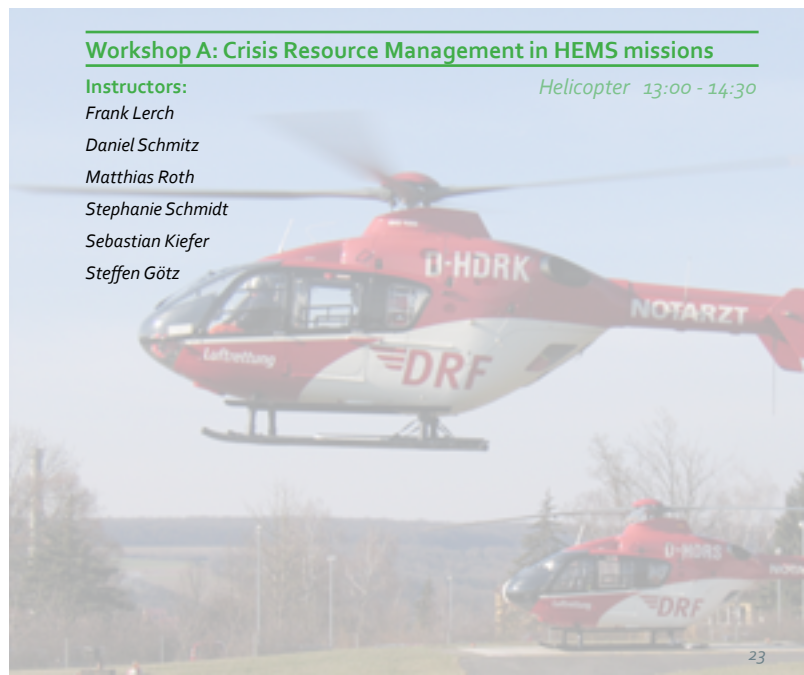
Daniel Schmitz

Matthias Roth

Stephanie Schmidt

Sebastian Kiefer

Steffen Götz



CPR Competition (1)

Halle 3 13:00 - 14:30

First round of the competition

13.00-13.30 Country 1

Judges:

13.30-14.00 Country 2

Judges:

14.00-14.30 Country 3

Judges:

14:30 - 15:00

Coffee break

ALS Session

Chaired by Janusz Andres

Halle 4 15:00 - 16:30

Controversies in ALS.

Charles Deakin (United Kingdom)

Duration of traditional ALS - when to stop?

Kjetil Sunde (Norway)

Hyperinvasive approaches to CPR - are they worthwhile?

Lionel Lamhaut (France)

Red Cross - Joint Session

Chaired by Jacques Delchef

Room K7 15:00 - 16:30

Implementation of ILCOR/ERC guidelines into IFRC International and Red Cross guidelines 2016.

Nici Singletary (USA)

Contextualisation of guidelines.

Emmy de Buck (Belgium)

First Aid and the community.

Pascal Cassan (France)

Paediatrics - Neonatals

Chaired by Ian Maconachie & Kevin Nation

Room K1 15:00 - 16:30

European Paediatric Basic Life Support - is there a need?

Ian Maconachie (United Kingdom)

Special circumstances - how special?

Richard Aickin (New Zealand)

Guidelines and courses - a perfect match?

Patrick Van de Voorde (Belgium)

Free Paper Session 3 - community respons to cardiac arrest

Chaired by Freddy Lippert & Simon Attard

Room K9 15:00 - 16:30

AS15:

AS16:

AS17:

AS18:

AS19:

AS20:

AS21:

Free Paper Session 4 - best education

Chaired by Monika Grunfeld

Room K6 15:00 - 16:30

AS22:

AS23:

AS24:

AS25:

AS26:

AS27:

AS28:

Workshop 2: Learning conversation

Instructors

Robert Greif (Switzerland)

TBD

Halle 3 15:00 - 16:30

Workshop B: Crisis Resource Management in HEMS missions

Instructors

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

Helicopter 15:00 - 16:30

CPR Competition (2)

First round of the competition

15:00-15:30 Country 4

Judges:

15:30-16:00 Country 5

Judges:

16:00-16:30 Country 6

Judges:

Halle 3 15:00 - 16:30

Opening Ceremony

Chaired by Jerry Nolan & Gavin Perkins

Halle 4 16:45 - 18:00

Opening by ERC Chair and Chair of Scientific Committee

ERC Research net / EU funding

German Resuscitation Council welcome

School children CPR

Safar lecture

Peter Morley (Australia)

Paediatrics

Chaired by Vinay Nadkarni

Halle 4 09:00 - 10:30

How to teach to perform/advise on CPR?

Vinay Nadkarni (USA)

Taking paediatric critical care to the ED.

Patrick Van de Voorde (Belgium)

Outcomes in paediatric CPR - What are we looking for?

Ian Maconachie (United Kingdom)

ESICM - Joint Session

Chaired by Jasmeet Soar & Alain Cariou

Room K7 09:00 - 10:30

PCI after cardiac arrest.

TBC Alain Cariou (France)

Oxygenation and ventilation after ROSC.

Jerry Nolan (United Kingdom)

Prognostication.

Claudio Sandroni (Italy)

Dispatcher

Chaired by Michael Baubin & Pierre Mols

Room K1 09:00 - 10:30

T-CPR for paediatric resuscitation.

Richard Aickin (New Zealand)

How to enhance dispatcher recognition of cardiac arrest?

Maaret Castren (Finland)

Integrating ambulance dispatch with mobile phones.

Rudy Koster (The Netherlands)

Free Paper Session 5 - special circumstances

Chaired by Carl Gwinnutt

Room K9 09:00 - 10:30

AS29:

AS30:

AS31:

AS32:

AS33:

AS34:

AS35:

Free Paper Session 6 - first aid

Chaired by Pascal Cassan & John Ballance

Room K6 09:00 - 10:30

AS36:

AS37:

AS38:

AS39:

AS40:

AS41:

AS42:

Workshop 3: Debriefing of OHCA and other critical clinical incidents

Organised by SAFER

Halle 3 09:00 - 10:30

Workshop C: Crisis Resource Management in HEMS missions

Instructors:

Helicopter 09:00 - 10:30

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

CPR Competition (3)

Halle 3 09:00 - 10:30

First round of the competition

09.00-10.30 Country 7

Judges:

10.30-11.00 Country 8

Judges:

11.00-12.30 Country 9

Judges:



10:30 - 11:00

Coffee break

Neonatal

Chaired by Jonathan Wyllie

Halle 4 11:00 - 12:30

Newborn Life Support and simulation - do we have the tools we need?

John Madar (United Kingdom)

Advanced resuscitation of the newborn infant course - is one approach feasible?

Joe Fawke (United Kingdom)

Newborn resuscitation equipment - state of the art.

Charles-Christoph Roehr (United Kingdom)

ESA - Joint Session

Chaired by Bernd Böttiger & Adriana Boccuzzi

Room K7 11:00 - 12:30

Cardiac arrest in the operating room.

Janusz Andres (Poland)

Airway management.

Bernd Böttiger (Germany)

Using anaesthetic drugs to protect the brain.

Michael Fries (Germany)

How to get published?

Chaired by Laurie Morrison & Jan-Thorsten Gräsner Room K1 09:00 - 10:30

What makes a good paper?

Jerry Nolan (United Kingdom)

How to write a good peer review?

Gavin Perkins (United Kingdom)

Bibliometrics.

Peter Morley (Australia)

Free Paper Session 7 - ALS

Chaired by Ferenc Nagy & Charles Deakin

Room K9 09:00 - 10:30

AS43:

AS44:

AS45:

AS46:

AS47:

AS48:

AS49:

Free Paper Session 8 - ethics, end of life

Chaired by Leo Bossaert & Carlo Clarens

Room K6 11:00 - 12:30

AS50:

AS51:

AS52:

AS53:

AS54:

AS55:

AS56:

Workshop 4:

Effective teaching: importance of learning climate and goals

Instructors

Robert Greif (Switzerland)

Monika Grünfeld (Slovenia)

Halle 3 11:00 - 12:30

Workshop D: Crisis Resource Management in HEMS missions

Instructors:

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

Helicopter 11:00 - 12:30

CPR Competition (4)

Halle 3 09:00 - 10:30

First round of the competition

09.00-10.30 Country 7

Judges:

10.30-11.00 Country 8

Judges:

11.00-12.30 Country 9

Judges:

12:30 - 14:00	Lunch
13:00 - 14:00	Poster tours 1 - 10
12:30 - 14:00	Trainee touchpoint (Room K9)
12:30 - 14:00	NRC meeting (Room K6)

ACS

Chaired by Nikolaou Nikolaos & Simon Montalto

Halle 4 14:00 - 15:30

Public awareness, does it help?

Natale Danielle Brunetti (Italy)

Networks for STEMI.

Patric Goldstein (France)

Prehospital treatment of ischemia in ACS.

Farzin Beygui (France)

Pro-con Debates

Chaired by Peter Morley & Ronald Melieste

Room K7 14:00 - 15:30

Prevent fever after cardiac arrest but don't use hypothermia.

Pro: Hans Friberg (Sweden)

Con: Kjetil Sunde (Norway)

Lidocaine is the first choice drug for the treatment of shock-refractory VF.

Pro: Jas Soar (United Kingdom)

Con: Clifton Calloway (USA)

ILCOR

Chaired by Maaret Castren & Swee-Han Lim

Room K1 14:00 - 15:30

ILCOR - 25 years old.

Gavin Perkins (United Kingdom)

How do we evaluate evidence?

Laurie Morrison (Canada)

How to become involved?

Robert Neumar (USA)

Free Paper Session 9 - education

Chaired by Monika Grünfeld & Michael Kuiper

Room K9 14:00 - 15:30

AS57:

AS58:

AS59:

AS60:

AS61:

AS62:

AS63:

Free Paper Session 10 - paediatrics & neonatels

Chaired by Ian Maconachie & Adeline Pereira

Room K6 14:00 - 15:30

AS64:

AS65:

AS66:

AS67:

AS68:

AS39:

AS70:

Workshop 5: Kids save lives

Instructors

Bernd Böttiger (Germany)

Federico Semeraro (Italy)

Halle 3 14:00 - 15:30

Workshop E: Crisis Resource Management in HEMS missions

Instructors:

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

Helicopter 11:00 - 12:30



15:30 - 16:00

Coffee break

Best of the Best Abstracts

Chaired by Jerry Nolan & Maaret Castren

Halle 4 16:00 - 17:30

Judged by Kevin Nation, Peter Morley & Anthony Handley

BoB1

TBA

BoB2

TBA

BoB3

TBA

BoB4

TBA

BoB5

TBA

BoB6

TBA

Round-Table Discussion

Chaired by Jasmeet Soar & Michael Müller

Room K7 16:00 - 17:30

ECMO.

Jas Soar (United Kingdom)

Georg Trummer (Germany)

Bob Neumar (USA)

Laurie Morrison (Canada)

Patrick Van de Voorde (Belgium)

Alain Cariou (France)

Community takes care.

Michael Müller (Germany)

Robert Greif (Switzerland)

Ulrich von Kirchbach (Germany)

Kirstie Haywood (United Kingdom)

Kids Save Lives

Chaired by Pierre Carli & Diana Cimpoesu

Room K1 16:00 - 17:30

Kids save lives with first aid.

Emmy de Buck (Belgium)

Kids save lives around the world.

Federico Semeraro (Italy)

ERC initiatives to help kids to save lives.

Bernd Böttiger (Germany)

Free Paper Session 11 - BLS

Chaired by Violetta Raffay & Viktor Moroz

Room K9 16:00 - 17:30

AS71:

AS72:

AS73:

AS74:

AS75:

AS76:

AS77:

Free Paper Session 12 - ACS

Chaired by Nicolaou Nikolaos & Zlatko Fiser

Room K6 16:00 - 17:30

AS78:

AS79:

AS80:

AS81:

AS82:

AS83:

AS84:

Workshop 6: Focused Sonography during CPR

Instructors

Raoul Bretkreutz (Germany)

Caroline Busche (Germany)

Jörg Hanusch (Germany)

Tobias Schröder (Germany)

Damjanovic Domagoj (Germany)

Halle 3 16:00 - 17:30

Workshop F: Crisis Resource Management in HEMS missions

Instructors

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

Helicopter 16:00 - 17:30



RESUSCITATION 2018
The CPR congress of Europe
20 - 21 - 22 September • Bologna • Italy

First Aid

Chaired by Jozef Koppl

Halle 4 09:00 - 10:30

Gaps in evidence concerning first aid and how to fill the gaps.

Nici Singletary (USA)

Guideline development - more than evidence alone.

Emmy de Buck (Belgium)

The best implementation strategies for society.

Pascal Cassan (France)

ESC - Joint Session

Chaired by Nikolaou Nikolaos & Leo Bosaert

Room K7 09:00 - 10:30

Is sudden death so sudden?

Charles Deakin (United Kingdom)

Prevention of sudden death - society in collaboration with medicine.

Jan-Thorsten Gräsner (Germany)

Refractory OHCA - CPR from scene to hospital.

Alain Cariou (France)

EuSEM - Joint Session

Chaired by Maaret Casten & Carmen Gasco

Room K1 09:00 - 10:30

To be a leader.

Marc Sabbe (Belgium)

To be led.

Maaret Castren (Finland)

Is it different if the patient is a child?

Patrick Van de Voorde (Belgium)

What's new?

Chaired by Peter Morley & John Ballance

Room K9 09:00 - 10:30

COSCA

Kirstie Haywood (United Kingdom)

Gaps in science.

Gavin Perkins (United Kingdom)

What makes us ROC?

Laurie Morrison (Canada)

EuReCa Meeting

Chaired by Jan-Thorsten Gräsner

Room K6 09:00 - 10:30

Workshop 7:

Debriefing of OHCA and other critical clinical incidents

Organised by Safer

Halle 3 09:00 - 10:30

Workshop G: Crisis Resource Management in HEMS missions

Instructors

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

Helicopter 09:00 - 10:30



10:30 - 11:00

Coffee break

Education

Chaired by **Freddy Lippert & Robert Greif**

Halle 4 11:00 - 12:30

Teaching the community to talk with a dispatcher in CA situations.

Tonje B. Soraas (Norway)

NTS in CA training.

Carsten Lott (Germany)

How to teach children best CPR.

Andrew Lockey (United Kingdom)

Young Investigators Competition

Chaired by **Gavin Perkins & Hildigunnur Svavarsdottir** Room K7 09:00 - 10:30

Judged by **Kirstie Haywood, Laurie Morrison, Vinay Nadkarni & Bernd Böttiger**

Young investigator 1

Young investigator 2

Young investigator 3

Young investigator 4

Young investigator 5

Young investigator 6

Systems

Chaired by Anatolij Truhlář & John Ballance

Room K1 11:00 - 12:30

The hospital response to cardiac arrest.

Peter Morley (Australia)

Optimal configuration for first responders.

Michael Müller (Germany)

Update on the European Resuscitation Academy.

Maaret Castren (Finland)

How to engage?

Chaired by Carl Gwinnutt & Gamal Eldin Khalifa

Room K9 11:00 - 12:30

TED talking.

Koen Monsieus (Belgium)

Engaging children.

Federico Semeraro (Italy)

Engaging those that are hard to reach.

Robert Greif (Switzerland)

Free Paper Session 13

Chaired by Marios Georgiou & Kevin Nation

Room K6 11:00 - 12:30

AS85:

AS86:

AS87:

AS88:

AS89:

AS90:

AS91:

Workshop 8: Focused Sonography during CPR

Instructors

Raoul Breikreutz (Germany)

Caroline Busche (Germany)

Jörg Hanusch (Germany)

Tobias Schröder (Germany)

Damjanovic Domagoj (Germany)

Halle 3 11:00 - 12:30

Workshop H: Crisis Resource Management in HEMS missions

Instructors

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

Helicopter 11:00 - 12:30

CPR Competition Finals

Halle 3 11:00 - 12:30

12:30 - 14:00

Lunch

13:00 - 14:00

Poster Tours 11 - 20

12:30 - 14:00

Research Net meeting (Room K7)

Special Circumstances

Chaired by Ian Maconachie & Ahmed Samir

Halle 4 14:00 - 15:30

Resuscitating children.*Richard Aickin (New Zealand)***Resuscitation at sea - Training fishermen.***Roberto Barcala-Furelos (Spain)***Cardiac arrest in the air.***Tony Handley (United Kingdom)*

Evidence Evaluation Masterclass

Chaired by Jerry Nolan & Laurie Morrison

Room K7 14:00 - 15:30

*Laurie Morrison (Canada)**Ian Maconachie (United Kingdom)**Jerry Nolan (United Kingdom)*

New Technology For Saving Lives

Chaired by Hildigunnur Svavarsdottir & Mahmoud Tageldin Room K1 14:00 - 15:30

Virtual reality.

Federico Semeraro (Italy)

Apps

Andy Lockey (United Kingdom)

Identifying deterioration.

Michael Müller (Germany)

Resuscitation Academy Alumni

Chaired by Maaret Castren

Room K9 14:00 - 15:30

Free Paper Session 14

Chaired by Kevin Nation

Room K6 14:00 - 15:30

AS92:

AS93:

AS94:

AS95:

AS96:

AS97:

AS98:

Workshop 9: Teaching NTS

Instructors

Marco Kuiters (The Netherlands)

Ruben Verlangen (The Netherlands)

Anne Lippert (Denmark)

Halle 3 14:00 - 15:30

Workshop I: Crisis Resource Management in HEMS missions

Instructors

Frank Lerch (Germany)

Daniel Schmitz (Germany)

Matthias Roth (Germany)

Stephanie Schmidt (Germany)

Sebastian Kiefer (Germany)

Steffen Götz (Germany)

Helicopter 14:00 - 15:30

Closing Ceremony

Chaired by Gavin Perkins, Jerry Nolan & Koen Monsieurs Halle 4 15:30 - 16:30

Negovsky memorial lecture.

Clifton Callaway (USA)

Best of the Best & Young Investigator awards

Winner of the CPR competition

New Honorary Members & Fellows

Outlook for Resuscitation 2018

Closing words

