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Scientific Committee

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European Resuscitation Council, Director Training and Education
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Federal Department of Health, Belgium

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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

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Prehospital unit, Community Health Centre Kranj, Slovenia

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University of Warwick, United Kingdom
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Calderdale & Huddersfield NHS Trust, Halifax, United Kingdom

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Universitätsmedizin Johannes Gutenberg-Universität, Mainz, Germany

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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  
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Royal Melbourne Hospital Clinical School, The University of Melbourne

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

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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 Breitkreutz, 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 Bischoni
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  
Room K9  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

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Free Paper Session 2 - paediatrics/neonatels

Chaired by Jonathan Wyllie & Ian Maconochie

Room K6  13:00 - 14:30

AS08:

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Workshop 1: Focused Sonography during CPR

Instructors:

Halle 3  13:00 - 14:30

Raoul Breitkreutz  (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)

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
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
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
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 response to cardiac arrest

**Chaired by:** Freddy Lippert & Simon Attard  
**Room K9**  
**15:00 - 16:30**

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### Free Paper Session 4 - best education

**Chaired by:** Monika Grunfeld  
**Room K6**  
**15:00 - 16:30**

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### Workshop 2: Learning conversation

**Instructors**
- Robert Gref (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)
- Robert Greif (Switzerland)
- TBD

**Helicopter 15:00 - 16:30**

### CPR Competition (2)

**Halle 3 15:00 - 16:30**

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<td>15.00-15.30</td>
<td>First round of the competition</td>
<td>Country 4</td>
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<td>16.00-16.30</td>
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### 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 6 - first aid

Chaired by Pascal Cassan & John Ballance

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Workshop 3: Debriefing of OHCA and other critical clinical incidents

Organised by SAFER

Workshop C: 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)

Workshop C: 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)

CPR Competition (3)

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:
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)

ESAO - 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
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**Free Paper Session 8 - ethics, end of life**

Chaired by Leo Bossaert & Carlo Clarens  
Room K6  11:00 - 12:30

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**Workshop D: Crisis Resource Management in HEMS missions**

Instructors:  
Helicopter  11:00 - 12:30

Frank Lerch  (Germany)  
Daniel Schmitz  (Germany)  
Matthias Roth  (Germany)  
Stephanie Schmidt  (Germany)  
Sebastian Kiefer  (Germany)  
Steffen Götz  (Germany)

**CPR Competition (4)**

First round of the competition  
09.00-10.30 Country 7  
10.30-11.00 Country 8  
11.00-12.30 Country 9  

Instructors:  
Robert Greif  (Switzerland)  
Monika Grünfeld  (Slovenia)
Public awareness, does it help?
Natale Danielle Brunetti (Italy)

Networks for STEMI.
Patric Goldstein (France)

Prehospital treatment of ischemia in ACS.
Farzin Beygui (France)

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)

Pro-con Debates

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 - 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 10 - paediatrics & neonatels**

Chaired by Ian Maconachie & Adeline Pereira  
Room K6  14:00 - 15:30

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**Workshop 5: Kids save lives**

Instructors  
Bernd Böttiger  (Germany)  
Federico Semeraro  (Italy)

Room K6  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

Friday September 29
Friday September 29

**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**  
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**BoB2**  
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**BoB4**  
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**BoB6**  
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**Round-Table Discussion**

**Chaired by Jasmeet Soar & Michael Müller**  
ECMO.  
Room K7  16:00 - 17:30

**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)

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**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**

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**Room K9  16:00 - 17:30**

### Free Paper Session 12 - ACS

**Chaired by Nicolaou Nikolaos & Zlatko Fiser**

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**Room K6  16:00 - 17:30**
Workshop 6: Focused Sonography during CPR

Instructors
Raoul Breitkreutz (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
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)

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)

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)

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

Young Investigators Competition

Chaired by Gavin Perkins & Hildigunnur Sxavarsdottir 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

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)
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)

TED talking.
Koen Monsieurs (Belgium)

Engaging children.
Federico Semeraro (Italy)

Engaging those that are hard to reach.
Robert Greif (Switzerland)
**Workshop 8: Focused Sonography during CPR**

**Instructors**
Raoul Breitkreutz (Germany)
Caroline Busche (Germany)
Jörg Hanusch (Germany)
Tobias Schröder (Germany)
Damjanovic Domagoj (Germany)

**Halle 3 11:00 - 12:30**

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**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**

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**CPR Competition Finals**

**Halle 3 11:00 - 12:30**

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**Lunch**

**12:30 - 14:00**

**Poster Tours 11 - 20**

**13:00 - 14:00**

**Research Net meeting (Room K7)**

**12:30 - 14:00**

**Saturday September 30**

**Halle 3**

**Workshop 8: Focused Sonography during CPR**

**Instructors**
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**Lunch**

**12:30 - 14:00**

**Poster Tours 11 - 20**

**13:00 - 14:00**

**Research Net meeting (Room K7)**

**12:30 - 14:00**
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**

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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**

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Closing Ceremony

**Chairled by Gavin Perkins, Jerry Nolan & Koen Monsieurs**

Negovsky memorial lecture.  
Clifton Callaway (USA)

**Halle 4  15:30 - 16:30**

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Best of the Best & Young Investigator awards  
Winner of the CPR competition  
New Honorary Members & Fellows  
Outlook for Resuscitation 2018  
Closing words