

**RESUSCITATION 2019**  
Controversies in Resuscitation  
19 - 21 September • Ljubljana • Slovenia

*Preliminary programme*



EUROPEAN  
RESUSCITATION  
COUNCIL

# Pre-congress Course Director Day

08:30 - 09:00

Registration & get together

## Course Director Day

Chair: Robert Tino Greif

Room\_1 09:00 - 10:10

### Welcome

#### Life Long Learning

Patrick Van de Voorde (Belgium)

Francesc Carmona (Spain)

Nicolas Mpotos (Belgium)

#### Equipment undermining teaching

John Madar (United Kingdom)

Federico Semeraro (Italy)

#### CAS Test in Teams - developing our course

Carsten Lott (Germany)

Andy Lockey (United Kingdom)

Ferenc Sari (Sweden)

#### QM - post course surveys - what does the ERC need?

What does the NCD or NRC need? - time for changes?

Patricia Conaghan (United Kingdom)

Uwe Kreimeier (Germany)

Martijn Maas (The Netherlands)



10:10 - 11:40

Coffee break

## Course Director Day - Break outs

10:40 - 12:30

BLS

PLS

NLS

ILS & ALS

GIC

Plenary session - Summary report & Closure

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## Opening session

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**Chairs: Jerry Nolan & Jasmeet Soar** *Room\_1 13:00 - 14:15*

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### Welcome by ERC

*Jasmeet Soar & Jerry Nolan (United Kingdom)*

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### Welcome by Slovenian Resuscitation Council

*Primoz Gradisek (Slovenia)*

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### Safar memorial lecture

*Bernd Böttiger (Germany)*

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14:15 - 15:00

Coffee break

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## ERC Educator Session

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**Chairs: Robert Tino Greif & Patricia Conaghan** *Room\_3 15:00 - 16:15*

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Thursday September 19

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## Controversies unplugged I

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**Chairs: Joyce Yeung & Ian Maconochie** *Room\_1 15:00 - 16:15*

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### What's basic about BLS?

*Theresa M. Olasveengen (Norway)*

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### Does ALS save lives?

*Lars W. Andersen (Denmark)*

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### Why are kids different?

*Robert Berg (USA)*

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### What can we learn from babies?

*James Tooley (United Kingdom)*

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### Discussion

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## Resuscitation Competition 1

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*Resuscitation platform 15:00 - 16:15*

**Chairs: Robin Davies & Ferenc Sari**

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### First round of the competition

*Judges:*

*TBD*

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15:00-15:30 Team 1

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15:45-16:15 Team 2

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## Controversies unplugged II

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Chairs: Koen Monsieurs & Monika Grünfeld *Room 1 16:15 - 17:30*

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### How should we train?

*Sandra Viggers (Denmark)*

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### Social media has a role in education

*Simon Carley (United Kingdom)*

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### Ethical challenges of resuscitation

*Spyros Mentzelopoulos (Greece)*

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### Which outcomes matter?

*Kirstie Haywood (United Kingdom)*

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### Discussion

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## Resuscitation Competition 2

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*Resuscitation platform 16:15 - 17:30*

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Chairs: Robin Davies & Ferenc Sari

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### First round of the competition

*Judges:*

*TBD*

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16:15-16:45 Team 3

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17:00-17:30 Team 4

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## Get-together

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Location:

Starts at 18h (ends around 22h)

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## ALS & ILS Recertification Courses

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Register beforehand via CoSy.

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### ALS & ILS Recertification Course 1

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Instructors:

*Workshop room 08:00 - 10:00*

Carsten Lott, Joachim Schlieber, Francesc Carmona, Monika Grünfeld, Mahmoud Tageldin Mustafa Mohamed, Marko Zelinka, Jelena Vilman, Petra Kaplan & Katja Kalan Uštar

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### ALS & ILS Recertification Course 2

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Instructors:

*Workshop room 11:00 - 13:00*

Carsten Lott, Joachim Schlieber, Francesc Carmona, Monika Grünfeld, Mahmoud Tageldin Mustafa Mohamed, Marko Zelinka, Jelena Vilman, Petra Kaplan & Katja Kalan Uštar

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**BLS controversies**

Chairs: Theresa M. Olasveengen & Dušan Vlahović *Room\_1 08:30 - 09:45*

The best way to dispatch?  
*Janet Bray (Australia)*

The best BLS ventilation strategy  
*Ruud Koster (The Netherlands)*

Choking - anything new?  
*Gavin Perkins (United Kingdom)*

Recovery position revisited  
*Tony Handley (United Kingdom)*

Discussion

**ESICM - Joint session**

Chairs: Tobias Cronberg & Alain Cariou *Room\_2 08:30 - 09:45*

What are the optimal oxygen and CO<sub>2</sub> targets?  
*Markus Skrifvars (Finland)*

What is the optimal blood pressure target?  
*Cornelia Genbrugge (Belgium)*

TTM - Where are we now?  
*Hans Friberg (Sweden)*

The role of the cath lab?  
*Marko Noč (Slovenia)*

Discussion

**National Resuscitation Councils meeting**

Chairs: Diana Cimpoesu & Nicolas Mpotos *Room\_3 08:30 - 09:45*

Meeting for NRC representatives.  
By invitation only.

**Resuscitation Competition 3**

*Resuscitation Platform 08:30 - 09:45*

Chairs: Ferenc Sari & Robin Davies

Judges:  
*TBD*

08:30-09:00 Team 5

09:15-09:45 Team 6



09:45 - 10:30

Coffee break

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**Best of the Best Resuscitation science abstracts**

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Chairs: Theresa M. Olasveengen & Jerry Nolan      *Room\_1 10:30 - 11:45*

Judges: Gavin Perkins, Anne Lippert,  
Robert Berg & Maaret Castrén

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**BoB1**  
*TBD*

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**BoB2**  
*TBD*

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**BoB3**  
*TBD*

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**BoB4**  
*TBD*

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**BoB5**  
*TBD*

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**Free paper session 1**

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Chairs: Peter Radsel & Uwe Kreimeier      *Room\_2 10:30 - 11:45*

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**AS001**

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**AS002**

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**AS003**

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**AS004**

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**AS005**

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**AS006**

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**AS007**

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**AS008**

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**AS009**

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**AS010**

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**Free paper session 2**

Chairs: Violetta Raffay & Michael Baubin

*Room\_3 10:30 - 11:45*

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AS011

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AS012

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AS013

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AS014

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AS015

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AS016

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AS017

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AS018

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AS019

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AS020

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**Free paper session 3**

Chairs: Gamal Eldin Khalifa & Hildigunnur Svavarsdóttir

*Room\_4 10:30 - 11:45*

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AS021

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AS022

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AS023

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AS024

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AS025

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AS026

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AS027

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AS028

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AS029

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AS030

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## Paediatrics

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**Chairs: Patrick Van de Voorde & Anne Lippert** *Room\_1 11:45 - 13:00*

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### Outcomes for paediatric cardiac arrest

*Lars W. Andersen (Denmark)*

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### Preventing paediatric cardiac arrest

*Sophie Skellett (United Kingdom)*

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### Physiological targets during CPR in children

*Robert Berg (USA)*

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### Prognostication in children

*Barney Scholefield (United Kingdom)*

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### Discussion

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## Special circumstances

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**Chairs: Freddy Lippert & Anatolij Truhlář** *Room\_2 11:45 - 13:00*

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### Cold

*Peter Paal (Austria)*

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### Drowning

*Gavin Perkins (United Kingdom)*

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### Trauma

*Charles Deakin (United Kingdom)*

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### Mass casualties

*Mark Sabbe (Belgium)*

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### Discussion

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## Topic updates and discussion

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**Chairs: Nikolaos Nikolaou & Andrej Markota** *Room\_3 11:45 - 13:00*

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### Capnography

*Claudio Sandroni (Italy)*

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### ECPR

*Justyna Swol (Germany)*

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### Discussion

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## Resuscitation Competition 4

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*Resuscitation Platform 11:45 - 13:00*

**Chairs: Ferenc Sari & Robin Davies**

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*Judges:*

*TBD*

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11:45-12:15 **Team 7**

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12:30-13:00 **Team 8**

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13:00 - 14:15

Lunch

13:20 - 14:15

Poster tours in Poster area

Friday September 20

## Poster tours

Poster area 13:20 - 14:00

### Poster tour 1

(AP)

Chairs: *Gamal Eldin Khalifa*

### Poster tour 2

(AP)

Chairs: *Janusz Andres*

### Poster tour 3

(AP)

Chairs: *Simon Attard Montalto*

### Poster tour 4

(AP)

Chairs: *Adriana Boccuzzi*

### Poster tour 5

(AP)

Chairs: *Roman Burkart*

### Poster tour 6

(AP)

Chairs: *Pascal Cassan*

### Poster tour 7

(AP)

Chairs: *Jacques Delchef*

### Poster tour 8

(AP)

Chairs: *Jozef Köppl*

### Poster tour 9

(AP)

Chairs: *Ruud Koster*

### Poster tour 10

(AP)

Chairs: *Uwe Kreimeier*

### Poster tour 11

(AP)

Chairs: *Marios Georgiou*

### Poster tour 12

(AP)

Chairs: *Dušan Vlahović*

### Poster tour 13

(AP)

Chairs: *Michael Baubin*

### Poster tour 14

(AP)

Chairs: *Gregor Prosen*

### Poster tour 15

(AP)

Chairs: *Souhail Alouini*

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## ALS: What works?

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Chairs: Jasmeet Soar & Therese Djärv

Room\_1 14:15 - 15:30

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### Airways

*Jerry Nolan (United Kingdom)*

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### Drugs

*Charles Deakin (United Kingdom)*

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### IV or IO access

*Peter Kudenchuk (USA)*

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### ECPR

*Justyna Swol (Germany)*

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### Discussion

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## Neonates: What's new?

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Chairs: Jørgen Erland Linde & Jonathan Wyllie

Room\_2 14:15 - 15:30

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### Science

*James Tooley (United Kingdom)*

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### Education

*John Madar (United Kingdom)*

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### Oxygen

*TBD*

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### Low resource settings

*Jørgen Erland Linde (Norway)*

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### Discussion

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## How to share your ideas?

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Chairs: Andy Lockey & Gregor Prosen

Room\_3 14:15 - 15:30

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### Peer reviewed journals

*Ian Maconochie (United Kingdom)*

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### Blogs and social media

*Simon Carley (United Kingdom)*

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### Lectures

*Sandra Viggers (Denmark)*

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### Discussion

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## Resuscitation Competition 5

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*Resuscitation Platform 14:15 - 15:30*

**Chairs: Ferenc Sari & Robin Davies**

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*Judges:  
TBD*

14:15-14:45 **Team 9**

15:00-15:30 **Team 10**

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## Workshop 1: VR-CPR

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**Instructors:** *Workshop room 14:15 - 15:45*  
**Federico Semeraro, TBD & TBD**

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Book your seat at the ERC booth.

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## Workshop 2: ECMO-eCPR Simulation

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**Instructors:** *Sim Center (off-site) 14:15 - 15:45*  
**Tomaz Goslar, TBD & TBD**

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At a different location (2km distance):  
**University Medical Center Ljubljana Simulation Center.**  
Transport will be arranged between congress venue and workshop location.

Book your seat at ERC booth.



15:30 - 16:15

Coffee break

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## Education to save lives

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**Chairs: Andy Lockey & Sandra Viggers** *Room 1 16:15 - 17:30*

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### A little and often is best

*Pro: Patricia Conaghan (United Kingdom)  
Con: Robert Tino Greif (Switzerland)*

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### Learners can teach themselves

*Pro: Joyce Yeung (United Kingdom)  
Con: Anne Lippert (Denmark)*

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### Summing up

*Andy Lockey (United Kingdom)  
Sandra Viggers (Denmark)*

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## Epidemiology and Outcomes

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Chairs: Carolina Malta Hansen & Janet Bray *Room\_2 16:15 - 17:30*

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### Out of Hospital cardiac arrest

*Siobhán Masterson (Ireland)*

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### In hospital cardiac arrest

*Therese Djärv (Sweden)*

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### Short term outcomes are useful

*Jasmeet Soar (United Kingdom)*

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### Long term outcomes are best

*Kirstie Haywood (United Kingdom)*

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### Discussion

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## ERC Research-NET

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Chair: Bernd Böttiger *Room\_3 16:15 - 17:30*

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## Resuscitation Competition 6

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*Resuscitation Platform 16:15 - 17:30*

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Chairs: Ferenc Sari & Robin Davies

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Judges:

*TBD*

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16:15-16:45 **Team 11**

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17:00-17:30 **Team 12**

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## Workshop 3: VR-CPR

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Instructors:

**Federico Semeraro, TBD & TBD**

*Workshop room 16:15 - 17:45*

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Book your seat at the ERC booth.

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## Workshop 4: ECMO-eCPR Simulation

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Instructors:

**Tomaz Goslar, TBD & TBD**

*Sim Center (off-site) 16:15 - 17:45*

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At a different location (2km distance):

**University Medical Center Ljubljana Simulation Center.**

Transport will be arranged between congress venue and workshop location.

Book your seat at ERC booth.

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## Ethical challenges

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Chairs: Leo Bossaert & Spyros Mentzelopoulos *Room\_1 08:30 - 09:45*

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### Real life challenges

Mark Sabbe (Belgium)

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### Should we be resuscitating the frail?

Therese Djärv (Sweden)

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### Dealing with challenges - Panel discussion

Mark Sabbe (Belgium)

Therese Djärv (Sweden)

Alain Cariou (France)

Barney Scholefield (United Kingdom)

Robert Berg (USA)

John Madar (United Kingdom)

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## Post resuscitation coma: Will this patient wake up?

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Chairs: Peter Radsel & Cornelia Genbrugge *Room\_2 08:30 - 09:45*

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### Pupils: What's new?

Hans Friberg (Sweden)

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### Biomarkers

Claudio Sandroni (Italy)

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### Seizures

Tobias Cronberg (Sweden)

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### How long should we wait before treatment withdrawal?

Robert Neumar (USA)

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### Discussion

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## EuReCa

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Chairs: Jan-Thorsten Gräsner & Siobhán Masterson *Room\_3 08:30 - 09:45*

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### Impact in Europe

Ingvild Tjelmeland (Norway)

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### EureCa and global issues

Jan-Thorsten Gräsner (Germany)

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### EuReCa3?

Siobhán Masterson (Ireland)

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### Registry data for research

Lars W. Andersen (Denmark)

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### Discussion

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## Resuscitation Competition 7

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*Resuscitation Platform 08:30 - 09:45*

Chairs: Ferenc Sari & Robin Davies

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Judges:

TBD

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08:30-09:00 **Team 13**

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09:15-09:45 **Team 14**

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## Workshop 5: How to organise Refresher Seminars?

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Instructors:

**Nikolaos Nikolaou & Robert Tino Greif**

*Workshop room 08:30 - 10:00*

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Book your seat at the ERC booth.



09:45 - 10:30

Coffee break

### Young Investigator Competition

Chairs: Clare Morden & Robert Neumar

*Room\_1 10:30 - 11:45*

Judges: Peter Kudenchuk, Sandra Viggers,  
Simon Carley, Cornelia Genbrugge & Tore Lærdal

YIC<sub>1</sub>

*TBD*

YIC<sub>2</sub>

*TBD*

YIC<sub>3</sub>

*TBD*

YIC<sub>4</sub>

*TBD*

YIC<sub>5</sub>

*TBD*

Saturday September 21

### Free paper session 4

Chairs: Anatolij Truhlář & Justyna Swol

*Room\_2 10:30 - 11:45*

AS031

AS032

AS033

AS034

AS035

AS036

AS037

AS038

AS039

AS040

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## Free paper session 5

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Chairs: Sophie Skellett & James Tooley

Room\_3 10:30 - 11:45

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ASo41

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ASo42

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ASo43

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ASo44

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ASo45

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ASo46

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ASo47

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ASo48

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ASo49

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ASo50

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## Saving lives globally

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Chairs: Maaret Castrén & Koen Monsieurs

Room\_1 11:45 - 13:00

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ILCOR strategy

*Robert Neumar (USA)*

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Global Resuscitation Alliance

*Freddy Lippert (Denmark)*

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Restart a heart - past, present & future

*Andy Lockey (United Kingdom)*

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Saving mothers and babies

*Tore Lærdal (Norway)*

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Discussion

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## Defibrillation

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Chairs: Carolina Malta Hansen & Gavin Perkins

Room\_2 11:45 - 13:00

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Improving AED analysis

*Ruud Koster (The Netherlands)*

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Optimal AED placement

*Carolina Malta Hansen (USA)*

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Do double shocks work?

*Charles Deakin (United Kingdom)*

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How do we treat refractory VF?

*Peter Kudenchuk (USA)*

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Discussion

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## Young ERC

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Chairs: Clare Morden & Jerry Nolan

*Room 3 11:45 - 13:00*

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## Resuscitation Competition FINALS

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*Resuscitation Platform 11:45 - 13:00*

Chairs: Ferenc Sari & Robin Davies

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Judges:

Patrick Van de Voorde, TBD

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11:45-12:05 **Finalist 1**

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12:10-12:30 **Finalist 2**

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12:40-13:00 **Finalist 3**

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## Workshop 6: How to teach NTS?

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Instructors:

Joachim Schlieber, Carsten Lott &  
Patricia Conaghan

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*Workshop room 11:45 - 13:15*

Book your seat at the ERC booth.



13:00 - 14:15

Lunch

13:20 - 14:15

Poster tours in Poster area



**Poster tours**

*Poster area 13:20 - 14:15*

**Poster tour 16**

(AP)

Chair: *John Madar*

**Poster tour 17**

(AP)

Chair: *Andrej Markota*

**Poster tour 18**

(AP)

Chair: *Mark Sabbe*

**Poster tour 19**

(AP)

Chair: *Diana Cimpoesu*

**Poster tour 20**

(AP)

Chair: *Jacques Delchef*

**Poster tour 21**

(AP)

Chair: *Ahmed Samir Abulnasr*

**Poster tour 22**

(AP)

Chairs: *Anthony Handley*

**Poster tour 23**

(AP)

Chairs: *Ronald Melieste*

**Poster tour 24**

(AP)

Chairs: *Uwe Kreimeier*

**Poster tour 25**

(AP)

Chairs: *Joyce Yeung*

**Poster tour 26**

(AP)

Chairs: *Peter Paal*

**Poster tour 27**

(AP)

Chairs: *Jørgen Erland Linde*

**Poster tour 28**

(AP)

Chairs: *Sule Akin Enes*

**Poster tour 29**

(AP)

Chairs: *Ian Maconochie*

**Poster tour 30**

(AP)

Chairs: *Kirstie Haywood*

**Recent developments**

**Chairs: Jerry Nolan & Hildigunnur Svavarsdóttir** *Room\_1 14:15 - 15:30*

**EuReCaz**

*Jan-Thorsten Gräsner (Germany)*

**Organ donation after Cardiac Arrest**

*Gavin Perkins (United Kingdom)*

**Review of the Year**

*Koen Monsieurs (Belgium)*

**Discussion**

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## Debates

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**Chairs: Robert Neumar & Marios Georgiou** *Room\_2 14:15 - 15:30*

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### Termination of resuscitation rules

*Pro: Maaret Castrén (Finland)*

*Con: Janet Bray (Australia)*

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### Early CT scanning in cardiac arrest patients

*Pro: Alain Cariou (France)*

*Con: Nikolaos Nikolaou (Greece)*

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## Workshop 7: Feedback & Debriefing

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### Instructors:

**Robert Tino Greif & Patricia Conaghan** *Workshop room 14:15 - 15:45*

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Book your seat at the ERC booth.



15:30 - 15:45

Coffee break

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## Closing session

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**Chair: Jerry Nolan**

*Room\_1 15:45 - 17:00*

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### Negovsky lecture

*Marko Noč (Slovenia)*

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### Presentation of Awards

*Jerry Nolan (United Kingdom)*

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### Resuscitation 2020

*Jonathan Wyllie - President of the RC(UK)*

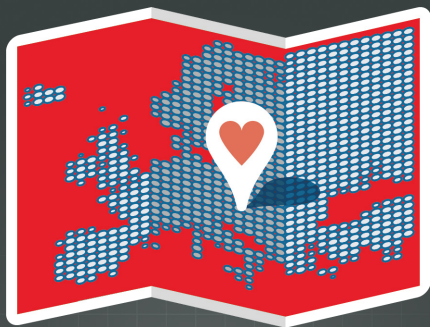
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### Meeting close

*Uwe Kreimeier (Germany)*

*Jerry Nolan (United Kingdom)*

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