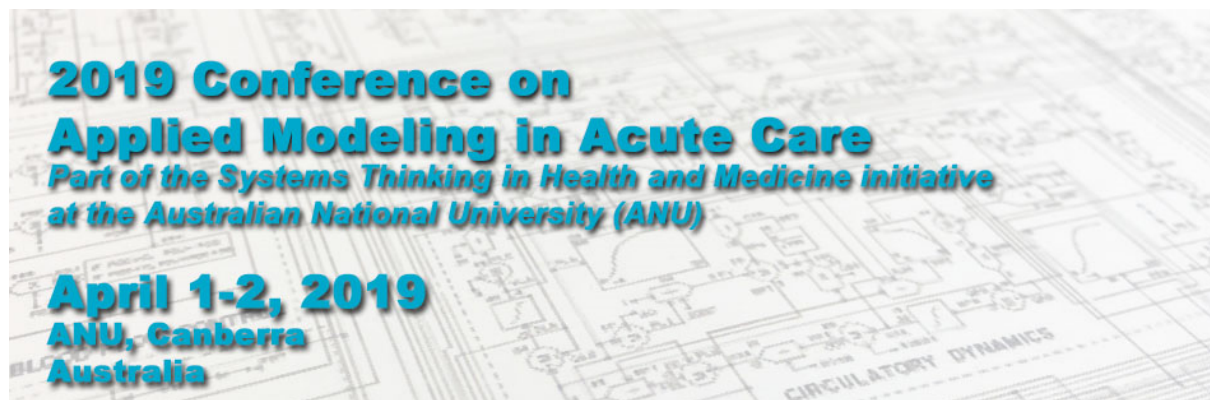


CALL FOR ABSTRACTS



Better understanding of the pathophysiology of shock and coagulopathy has transformed the management of severe acute bleeding in recent years. Similarly, there are new insights in the treatment of in-hospital and out-of-hospital cardiac arrest. New systems of care are proposed by the American Heart Association and others.

Yet, mortality and morbidity are still high and further improvements in individual patient care require precision medicine strategies and predictive models that extend the current approaches of evidence based medicine.

In this context, the 2019 AMAC conference aims to promote cross-fertilization between experts in systems biology and in organ based modeling, to develop clinical and education-oriented applications. Development of open-access, open-source, organ based models of physiology will be discussed. The focus will be on cardiorespiratory physiology.

Conference organizers

Willem van Meurs, University of Twente, The Netherlands.
Timothy Antonius, Radboud University, The Netherlands.
Russell Gruen, Australian National University, Australia.
Julia Sharwood, Australian National University, Australia.
Lex van Loon, University of Twente, The Netherlands.
Hans van Oostrom, University of Florida, USA.
Berend Westerhof, University of Amsterdam, The Netherlands.

Confirmed speakers

Richard Berlin, University of Illinois, USA.
Peter Hunter, University of Auckland, New Zealand.
Imogen Mitchell, Australian National University, Australia.
Debra Nestel, Monash University, Australia.
Peter Sloot, University of Amsterdam, The Netherlands.

Call for abstracts

We request a 300 word abstract of modeling and simulation work in this realm. A template can be found on benekenconference.com/. Please send a 1 page PDF with your contribution to vanmeurs@orange.fr.

Submission deadlines and awards

Feb. 15, 2019: Abstract submission.

Feb. 28, 2019: Confirmation of acceptance for an oral or poster presentation.

The Jan Beneken and Nico Westerhof awards for best investigator and best young investigator (up to the level of post-doctoral associates), respectively, will be assigned at the conference.

See benekenconference.com for updates on program and speakers, and for the conference location and registration fees.