



# ONLINE POINT OF CARE ULTRASOUND CONFERENCE

13 April 2021, 16:00 - 20:00 CET (Central European Time)

#pocus

[Register now!](#)

## Program

The Conference program consists of a mix of invited speakers and accepted papers. If you are interested to submit a paper, please visit the call for paper page.

16:00 16:05



### Opening and Welcom

Chairman

Arthur Bouwman, MD

PhD, Staff

Anesthesiologist,

Catharina Hospital

Eindhoven

16:05 16:50

Session: POCUS of the Lung

**Invited Speaker:**

Pieter Roel Tuinman,  
intensivist-  
epidemiologist /  
Instructor Intensive  
Care Ultrasound,  
**Amsterdam UMC-  
Location VUmc**

**Invited Speaker:**

Libertario Demi,  
Assistant Professor,  
Head of ULTRa  
(Ultrasound Lab  
Trento)), **University of  
Trento**, on 'Technical  
aspects of lung  
ultrasound'

Paper / Poster  
Pitches

Are you a PhD student  
or postdoc researcher  
You can now submit  
your abstract to pitch  
your research at the  
conference.

16:50 17:00 **Coffee Break**

17:00 17:45 Session: POCUS of the Heart

**Invited Speaker:**

Otto Kamp, Associate  
Professor / cardiologist  
/ director of  
echocardiography  
laboratory, **Amsterdam  
UMC - Location VUmc**  
on 'Sonothrombolysis  
in the ambulance for  
ST-elevation

myocardial infarction'



**Invited Speaker:**

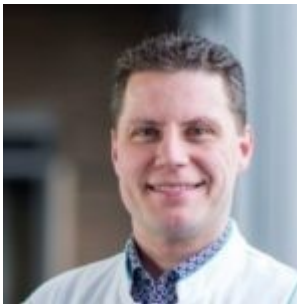
Michel Versluis,  
Professor Physical and  
Medical Acoustics,  
**University of Twente**

Paper / Poster  
Pitches

Are you a PhD student  
or postdoc researcher  
You can now submit  
your abstract to pitch  
your research at the  
conference.

17:45 18:00 **Break**

18:00 18:45 Session: POCUS in a challenging environment



**Invited Speaker:**

Rein Ketelaars,  
Anesthesiologist and  
HEMS physician, MD,  
PhD, **Radboudumc**, on  
'Ultrasound in trauma  
care'



**Invited Speaker:**

Chris de Korte,  
Professor of Medical  
Ultrasound  
Technologies, **Radboud  
University** / Professor  
of Medical Ultrasound  
Imaging, **University of  
Twente**, on 'POCUS for  
prenatal scanning'

Paper / Poster  
Pitches

Are you a PhD student  
or postdoc researcher  
You can now submit  
your abstract to pitch  
your research at the  
conference.

18:45 19:00 **Break**

19:00 19:40

Session: The future of POCUS – new  
developments, quality and hocuspocus?



**Invited Speaker:**

Frank Bosch, Professor  
in acute internal  
medicine, **UMCN St.  
Radboud / Rijnstate  
Hospital**, on "The use  
of POCUS in the  
dyspnoic patient with  
an emphasis on  
COVID-19", Read more



**Invited Speaker:**

Hans Huiberts, **Philips**  
on 'Innovations on  
plunkability/automatic  
for POCUS'

Paper / Poster  
Pitches

Are you a PhD student  
or postdoc researcher  
You can now submit  
your abstract to pitch  
your research at the  
conference.

19:40 20:00 **Round Table Discussion**

20:00

**End of the Conference, see you at the next**

## edition

---

Point of care ultrasound is a medical examination process that is performed by primary care physicians to determine unclear findings. It refers to the portable ultrasonography at a patient's bedside for diagnostic and therapeutic process. It can be applied in several clinical situations and used in an intensive care unit to monitor therapeutic conditions, in the emergency department to investigate the internal or external pathological findings. Point-of-care ultrasound can be utilized in physiological monitoring such as hemodynamic assessment, preload, cardiac function (LVF and RVF), afterload, and volume status. It has many potential advantages over traditional methods including improvement in patient outcome, costs, reducing mortality rate and medical risk scenarios. Additionally, this ultrasonography provides physicians or clinicians real time information to manage and treat properly injured patients in emergency, military medicine, and remote care facilities.

The conference focuses on cutting edge research and clinical evaluations on Point-of-care ultrasound in its different forms and gathers experts from academia and industry to show their latest results and showcase their products and services.

Conference topics cover not only applications of Point-of-care ultrasound (POCUS), but also fundamental research on new technological developments in ultrasound image formation, functional analysis, and image guidance, also leveraging latest advances in ultrafast imaging and artificial intelligence.

The following topics will be covered in the conference program:

- Research in applications like: Cardiovascular, General Imaging, Emergency Room, Women's Health etc.



- Tissue characterization
- (Functional) Imaging
- Data analysis
- Artificial intelligence
- Guidance algorithms
- Quality assessment

POCUS is emerging as a reliable and valid clinical tool in a wide-range of applications such as resuscitation, cardiac arrest situations, trauma evaluation, monitoring and procedural guidance (regional anesthesia, thoracocentesis, vascular acces etc) in various clinical situations, such as emergency departments, intensive care units, perioperative care, general ward and even in pre-hospital situations.

The conference is being organised by Jakajima, Matchmaker for Innovators.

