



## Course

### PRINCIPLES OF ULTRASOUND AND QA

- Date:** Wednesday 22th and Thursday 23th of November 2017
- Organisation:** MUSIC, Radiology & Nuclear Medicine, Radboudumc
- Location:** Radboud University Medical Center, Medical UltraSound Imaging Center, route 767, Geert Grooteplein 10, 6525 GA Nijmegen
- Target audience:** users QA4US software, medical physicists (i.t.), medical physics employees, Medical engineer and MD.
- Teachers:** em. Prof. J.M. Thijssen PhD MScEng, Prof. C.L. de Korte PhD MScEng, G. Weijers BScEng
- Content:** Update on Physics and Technology of Medical Ultrasound (US)  
Characteristics of Quality, Measurement Methods and Materials  
QA4US: Protocol, practice and software to measure Imaging Quality objectively.

**Program day 1: Conference room: Brakkestein, route 767 and Galgenveld, route 762**

09.00 -09.30	Welcome, coffee/tea, introduction	All
09.30 -10.30	Basics of US (interactive)	All
10.30 - 11.00	Break	
11.00 -11.45	Practical session on basics of US	
11.45 -12.30	Artefacts and Safety	
12.30 - 13.30	Lunch	Restaurant
13.30 -14.15	Doppler and Harmonic Imaging	
14.15 -15.00	Practical session	All
15.00 -15.30	Break	
15.30 - 17.00	Advanced Techniques	
17.00	End	

**Program day 2: Conference room: follows**

09.00 -09.30	Welcome, coffee/tea	All
09.30 -10.30	QA4US and Doppler protocols	
10.30 -11.00	Break	
11.00 -12.00	Introduction of software	
12.00 - 13.00	Lunch	Restaurant
<b>Conference room: MUSIC office, route 767</b>		
13.00 - 16.00	Practical session QA4US	
<b>Conference room: St. Annakamer, route 767</b>		
16.00 - 17.00	Evaluation and discussion	All
17.00	End	

**Accreditation:** Accreditation approved at the NVKF

**Registration fee:** € 350,-- incl. coffee/tea, lunch, drinks and the QA4US software. After receipt of your payment at bankaccount IBAN: NL90ABNA0231209983 BIC: ABNANL2A quoting F000168 with indication of your name and your registration will be final.

**Information through:** [Sandra.vanHugten@radboudumc.nl](mailto:Sandra.vanHugten@radboudumc.nl)

[WWW.QA4US.EU](http://WWW.QA4US.EU)