



EACVI

European Association of
Cardiovascular Imaging

 European Society of Cardiology

Young DGK meets HIT EACVI

Program: Joint Event – Young DGK / HIT EACVI – Teaching Course

**Satellite Symposium of the German Congress of Echocardiography in
Leipzig**

Wednesday, 22nd June 2022

Image Optimization Masterclass for Proper Measurements in Echocardiography Principles, Tips, Tricks, and Challenges

14.30 – 14.45

Welcome and Introduction

Andreas Hagendorff (Leipzig)

Part 1. Image optimization – the basics

Chairpersons: Philipp Breitbart (Freiburg - Bad Krozingen), Elena Romero-Dorta (Berlin)

14.45 – 15.15

Basics of 2D and Doppler echocardiography: from image optimization to the importance of standardization – Hannes Melnyk (Halle/Saale)

15.15 – 15.30

Live Demo or Workstation Activity

15.30 – 15.45

Questions to the expert, Erwan Donal (Rennes)

15.45 – 16.15

All eyes on the cardiac cavities: correct settings, avoiding pitfalls, learning from multidimensional imaging and more – Lieven Herbots (Hasselt)

- 16.15 – 16.30 **Live Demo or Workstation Activity**
- 16.30 – 16.45 **Questions to the expert**, Andreas Hagendorff (Leipzig)
- 16.45 – 17.15 **Break**

Part 2. Image optimization – the next level: valvular heart disease (VHD)

Chairpersons: Maria Isabel Körber (Köln) / Andrea Motooc (Brussels)

- 17.15 – 17.35 **It's all about reliable assessments: 2D speckle tracking, 3D LV and RV acquisition and postprocessing –**
Andreea Motoc (Brussels)
- 17.35 – 17.45 **Discussion with Live Demo or Workstation Activity**
- 17.45 – 18.05 **Gettin' the right valve assessment I: transparent documentation and improvement of spectra or color settings –** Viktoria Schwarz (Homburg/Saar)
- 18.00 – 18.15 **Discussion with Live Demo or Workstation Activity**
- 18.15 – 18.35 **Gettin' the right valve assessment II: How to avoid misinterpretation and principal faults? –**
Erwan Donal (Rennes)
- 18.35 – 18.45 **Discussion with Live Demo or Workstation Activity**
- 18.45 – 19.05 **Optimized image as a prerequisite for truth: How to check the validity and plausibility of measurements of valvular regurgitations? –**
Jens Schneider (Bad Krozingen)
- 19.05 – 19.15 **Discussion with Live Demo or Workstation Activity**
- 19.15 – 19.30 **Closing Remarks**

Andreas Hagendorff (Leipzig)/ Philipp Breitbart (Bad Krozingen)/
Elena Romero-Dorta (Berlin)