Learning objectives:
Learn about the use of the new echo technologies to assess aortic valve and aortic disease.
Familiarize with the use of echocardiography in selecting and monitoring therapeutic procedures in aortic valve and aortic disease.

Course Programme

8.30 Course presentation. L. Badano (IT), E. Plonska-Gosciniak (PL)

I. BASICS OF AORTIC VALVE AND AORTIC DISEASE ASSESSMENT
Chairpersons: L. Badano (IT), P. Lancellotti (BE), Z. Gasior (PL), E. Plonska-Gosciniak (PL)

9.00-9.20. Aorta and the aortic valve - basic principles of 2D-echo assessment T. Kukulski (PL)
9.50-10.10. 3-dimensional echocardiography in aortic and aortic valve disease J.D. Kasprzak (PL)
10.10-10.30 Use of transesophageal echocardiography. F. Flachskampf (GE)

II. AORTIC AND AORTIC VALVE DISEASE—DIAGNOSTIC AND THERAPEUTIC PROBLEMS
Chairpersons: P. Lancellotti (IT), L. Badano, E. Plonska-Gosciniak (PL), D. Dudek (PL)

11.00-11.20 Aortic stenosis L.P. Badano (IT)
11.20-11.40 Aortic regurgitation P. Lancellotti (BE)
11.50-12.10 Bicuspid aortic valve Z. Gasior (PL)
12.10- 12.30 LVOT and aorta in congenital cardiovascular disease A. Klisiewicz (PL)
12.40-13.00 Endocarditis G. Habib (FR)

13.00-14.00 Lunch
III. ECHO IN SELECTING AND MONITORING THERAPEUTIC PROCEDURES

**Chairpersons:** F. Flachskampf (GE), G. Habib (FR), J.D. Kasprzak (PL), T. Kukulski (PL),

14.00 – 14.20 Surgical referral and techniques D. Dudek (PL)
14.20- 14.40 Selection and assessment of TAVI candidate D. Dudek (PL)
14.50-15.10 Dysfunction of valve prosthesis L. Badano (IT)
15. 10-15.30 Diseases of the aorta F. Flachskampf (GE)

IV. "DOUBLE TROUBLE" PATIENT WITH AORTIC VALVE STENOSIS (case presentation)

**Chairpersons:** G. Habib (FR), F. Flachskampf (GE), A. Klisiewicz (PL), A. Szyszka (PL)

16.00-17.00 Aortic stenosis and:
- AS puzzle E. Plonska (PL)
- Asymptomatic patients L.P. Badano (IT)
- LV dysfunction G. Habib (FR)
- In elderly J. D. Kasprzak (PL)
- Mitral regurgitation A. Szyszka (PL)
- Coronary heart disease Z. Gasior (PL)
- Aortic regurgitation T. Kukulski (PL)

17.30 Closing remarks L. Badano