



**29<sup>th</sup> World Congress on Ultrasound  
in Obstetrics and Gynecology**  
12-16 October 2019, Berlin, Germany

## Scientific program

**Saturday 12 October 2019**

**This course is run in collaboration with DEGUM**

<b>08:25-17:00</b>	<b>PCC: Fetal anomalies: heart and central nervous system (CNS)</b>	<b>Estrel Hall (A)</b>
	Session 1: Fetal heart <i>Chairs: R. Chaoui (Germany); K. Heling (Germany)</i>	
08:25	Opening on behalf of ISUOG and DEGUM	
08:30	2D/3D/4D of the fetal heart <i>K. Heling (Germany)</i>	
09:00	Four-chamber anomalies <i>E. Quarello (France)</i>	
09:30	Outflow tract anomalies <i>A. Abuhamad (United States)</i>	
10:00	Cardiac anomalies and genetic diseases <i>R. Chaoui (Germany)</i>	
<b>10:30</b>	<b>Coffee</b>	
	<i>Chairs: J. Carvalho (United Kingdom); R. Faber (Germany)</i>	
11:00	First trimester heart anomalies <i>J. Carvalho (United Kingdom)</i>	
11:30	Cardiac disproportion: more than aortic coarctation <i>D. Paladini (Italy)</i>	
12:00	Fetal arrhythmias <i>U. Gembruch (Germany)</i>	
<b>12:30</b>	<b>Lunch</b>	
	<i>Chairs: G. Malinger (Israel); R. Chaoui (Germany)</i>	
13:30	Sonoembryology of the fetal brain <i>B. Benoit (France)</i>	

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- 13:50 Fetal CNS anomalies at 11–14 weeks  
*R. Chaoui (Germany)*
- 14:10 Open and closed spinal dysraphism  
*M. Hoopmann (Germany)*
- 14:40 Simple hints for complex brain malformations  
*K. Karl (Germany)*
- 15:00 Fetal CNS anomalies before 20 weeks  
*G. Malinge (Israel)*
- 15:30 Coffee**
- Chairs: D. Prayer (Austria); G. Malinge (Israel)*
- 16:00 Ventriculomegaly: what to check for?  
*I.E. Timor-Tritsch (United States)*
- 16:30 Posterior fossa anomalies: what to check for?  
*L. Guibaud (France)*
- 17:00 End of course

*Please see the next page for the next course*

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- 08:45-16:45**     **PCC: Advances in prenatal diagnosis, pre-eclampsia prediction and future technologies**     **Estrel Hall (B)**
- Ultrasound working together with other technologies  
*Chairs: A.T. Papageorghiou (United Kingdom); J. Stone (United States)*
- 08:45     Is there a place for biomarkers in the modern management of pregnancies?  
*J. Stone (United States)*
- 09:15     Prediction of preterm birth: can "-omics" and new technologies help?  
*H. Feltovich (United States)*
- 09:45     Can we improve our prediction models for pre-eclampsia?  
*S. Verlohren (Germany)*
- 10:05     Artificial intelligence in ultrasound  
*A.T. Papageorghiou (United Kingdom)*
- 10:25**     **Coffee**
- 10:55     Getting to the right diagnosis using "big data"  
*J. Stirnemann (France)*
- 11:15     The place of MRI in pregnancy management: future developments  
*D. Prayer (Austria)*
- 11:35     New technologies and informed consent: are they compatible?  
*M. Norton (United States)*
- 11:55     Discussion
- 12:15**     **Lunch**
- Ultrasound working together with genetics  
*Chairs: L. Dugoff (United States); L.J. Salomon (France)*
- 13:15     Expanded carrier screening: pros and cons  
*L. Dugoff (United States)*
- 13:45     Screening for aneuploidy: what should we do in 2019?  
*K. Nicolaidis (United Kingdom)*
- DEBATE** cfDNA or invasive for all?  
14:15     *For (TBC): J. Stone (United States)*  
14:23     *Against (TBC): L.J. Salomon (France)*

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- 14:31 Speaker rebuttals and voting TBC
- 14:35 Coffee**
- 15:05 cfDNA: no-calls, anomalies at ultrasound, multiple pregnancies – how to manage when things get complex (including case discussions)  
*L. Dugoff (United States)*
- 15:35 Exomes and genetic evaluation in fetal anomalies: are we eventually ready?  
*M. Norton (United States)*
- 16:05 Q&A and discussion: genetics cases that stumped me  
*L. Dugoff; M. Norton (United States)*
- 16:45 End of course

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<b>09:00-17:45</b>	<b>PCC: Endometriosis: diagnostic challenges and surgical planning</b> <i>Chairs: G. Condous (Australia); S. Guerriero (Italy)</i>	<b>Estrel Hall (C4)</b>
09:00	IDEA consensus <i>G. Condous (Australia)</i>	
09:30	Endometriosis: is it underdiagnosed? Data on diagnostic delay <i>G. Hudelist (Austria)</i>	
10:00	Hemoperitoneum as a precursor of deep endometriosis <i>D. Jurkovic (United Kingdom)</i>	
10:30	Case studies	
<b>11:00</b>	<b>Coffee</b>	
11:30	TVS and MRI for diagnosis of endometriosis: complimentary or independent imaging modalities <i>S. Guerriero (Italy)</i>	
12:00	Ultrasound assessment of the rectum, rectosigmoid and sigmoid: planning joint colorectal surgery <i>T. Van den Bosch (Belgium)</i>	
12:30	Case studies	
<b>13:00</b>	<b>Lunch</b>  <i>Chairs: G. Condous (Australia); A. Horne (United Kingdom)</i>	
14:00	Ultrasound evaluation of endometriosis of the urinary tract: what does the surgeon need to know? <i>D. Jurkovic (United Kingdom)</i>	
14:30	SonoPODography: a new technique in the assessment of uterosacral ligament endometriosis <i>M. Leonardi (Australia)</i>	
15:00	Surgical implications of fixed ovaries and/or POD obliteration noted on preoperative ultrasound <i>M. Leonardi (Australia)</i>	
15:30	What are the alternative treatment options to surgery for women with endometriosis and are there future candidate treatments in the pipeline? <i>A. Horne (United Kingdom)</i>	
<b>16:00</b>	<b>Coffee</b>	

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- 16:30            How to counsel women with endometriosis and endometriotic cysts:  
                      what is the risk of developing cancer in the future?  
*A. Horne (United Kingdom)*
- 16:45            Diagnosing adenomyosis  
*T. Van den Bosch (Belgium)*
- 17:15            Surgery for endometriosis  
*G. Hudelist (Austria); G. Condous (Australia)*
- 17:45            End of course