

## 2<sup>nd</sup> Fetal Cardiac Function Symposium

Tuesday, October 8<sup>th</sup>, 2019

**Session I** Chair: *Eduard Gratacos, Mark Friedberg*

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<b>09.00 – 09.45</b>	Cardiac Function & Deformation – the Basics	<i>Bart Bijmens</i>
<b>09.45 – 10.30</b>	Fetal Myocardial (micro-) structure in health and disease	<i>Andrew Cook</i>
<i>10.30 – 11.00</i>	<i>Coffee break</i>	

**Session II** Chair: *John Simpson, Bart Bijmens*

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<b>11.00 – 11.30</b>	Fetal haemodynamics – insight from computational models	<i>Patricia Garcia Cañadilla</i>
<b>11.30 – 12.00</b>	Fetal MRI – from structure to flow	<i>Mike Seed</i>
<b>12.00 – 12.30</b>	Assessing fetal cardiac function – what and how	<i>Greggory DeVore</i>
<i>12.30-14.00</i>	<i>Lunch</i>	

**Session III** Chair: *Mar Bennasar, Patricia Garcia Cañadilla*

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<b>14.00 – 14.30</b>	The transition from fetus to neonate – what changes ?	<i>Adam Lewandowski</i>
<b>14.30 – 15.00</b>	The growth-restricted heart	<i>Fatima Crispi</i>
<b>15.00 – 15.30</b>	Coarctation of the aorta and does it differ from aortic stenosis ?	<i>Olga Gomez</i>
<i>15.30 – 16.00</i>	<i>Coffee break</i>	

**Session IV** Chair: *Fatima Crispi, Olga Gomez*

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<b>16.00 – 16.30</b>	The fetal right ventricle – how does it react to loading changes	<i>Mark Friedberg</i>
<b>16.30 – 17.00</b>	Assessing function in a hypoplastic ventricle	<i>John Simpson</i>
<b>17.00 – 17.30</b>	Will machine learning solve all of the above problems ?	<i>Bart Bijmens</i>

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