

**THE 16TH SPR ADVANCED SYMPOSIUM ON PEDIATRIC CARDIOVASCULAR IMAGING**

**June 5, 2021**

<b>June 5, Saturday</b>	<b>Central Standard Time</b>	<b>Duration</b>	<b>Credits</b>	<b>Welcome</b>	<b>Cindy Rigsby and Josh Robinson</b>	<b>Email</b>
	<b>0810-0935</b>	<b>1.10</b>	<b>1.0</b>	<b>Early Morning Tetralogy of Fallot ACHD collaborative session</b>	<b>Prakash Masand and Sonya Babu-Naryan</b>	
	0810-0825			Tetralogy of Fallot clinical evaluation	Sowmya Balasubramanian	
	0825-0840			Tetralogy of Fallot adult imaging assessment	Lindsay Griffin	
	0840-0900			Tetralogy of Fallot: Who needs a defibrillator	Sonya Babu-Narayan	
	0900-0920			Right ventricular shape analysis	Sanjeet Hegde	
	0920-0935			Discussion		
	<b>0935-0945</b>			<b>Break</b>		
	<b>0945-1115</b>	<b>1.15</b>	<b>1.25</b>	<b>Plenary Session--Artificial Intelligence</b>	<b>Tim Leiner and Shreyas Vasanawala</b>	
	0945-1030			Artificial Intelligence in pediatric and congenital cardiovascular imaging	Tim Leiner	
	1030-1045			Artificial intelligence 4D flow initiatives	Michael Markl	
	1045-1100			Artificial intelligence applications in congenital heart disease	Shreyas Vasanawala	
	1100-1115			Discussion		
	<b>1115 -1125</b>			<b>Break</b>	<b>Faculty and attendees</b>	
	<b>1125-1240</b>	<b>1.0</b>	<b>1.0</b>	<b>4D flow: Challenges in segmentation and translation</b>	<b>Cindy Rigsby and Arno Roest</b>	
	1125-1140			Intracardiac 4D flow	Mohammed Elbaz	
	1140-1155			Direct jet quantification and valve tracking	Shiraz Maskatia	
	1155-1210			In-vitro modeling for surgical planning and outcome prediction	Alejandro Roldan	
	1210-1225			Overcoming 4D flow challenges in neonates and infants	Julia Geiger	
	1225-1240			Discussion		
	<b>1240-1340</b>			<b>Lunch Break</b>	<b>Faculty and attendees</b>	
	<b>1340-1455</b>	<b>1.0</b>	<b>1.0</b>	<b>Updates in myocardial mapping</b>	<b>Vivek Muthurangu and Lars-Grosse-Wortmann</b>	
	1340-1355			Technical innovations in mapping: where are we going?	Vivek Muthurangu	
	1355-1410			Mapping in congenital heart disease	Lars Grosse-Wortmann	
	1410-1425			Mapping in pediatric cardiomyopathy	Laura Olivieri	
	1425-1440			Mapping in pediatric myocarditis and COVID-19	Francesca Raimondi	
	1440-1455			Discussion		
	<b>1455-1505</b>			<b>Break</b>		
	<b>1505-1620</b>	<b>1.0</b>	<b>1.0</b>	<b>Pediatric Heart Transplant Focus Session</b>	<b>Andy Powell and Josh Robinson</b>	
	1505-1520			Imaging of heart transplant rejection	Margaret Samyn	
	1520-1535			Stress perfusion post-processing: Qualitative to quantitative assessment	Dan Lee	
	1535-1550			Transplant stress perfusion MRI	Nazia Husain	
	1550-1605			Stress perfusion without contrast: Feasible?	Lazaro Hernandez	
	1605-1620			Discussion		
	<b>1620-1630</b>			<b>Break</b>		
	<b>1630-1745</b>	<b>1.15</b>	<b>1.25</b>	<b>Works-in-Progress and Cocktail-in-Hand</b>	<b>Rajesh Krishnamurthy and Mark Fogel</b>	
	1630-1645			2D cine MR: beating a cardiac work horse   Cocktail pairing: California Mule	Shreyas Vasanawala	
	1645-1700			Hemodynamic evaluation of the Fontan conduit   Coctail pairing: Dutch Mule	Arno Roest	
	1700-1715			Rethinking Tissue Engineered Vascular Grafts in Fontan   Cocktail pairing: Buckeye Martini	Kan Hor	
	1715-1730			Feraheme, fibrosis, and Fontan   Cocktail pairing: Philadelphia Woowoo	Mark Fogel	
	1730-1745			INDICATOR 2.0: Time to let old dogmas go   Cocktail pairing: Passion Fruit Tea	Tal Geva	
	1745-1800			Discussion		
	<b>1800-1815</b>			<b>Wrap up discussion</b>	<b>Cindy Rigsby and Josh Robinson</b>	
			<b>6.5</b>			