

# **Symposium on Nonlinear Processes in Cardiac Electrophysiology: from cardiac tissue modeling to single cell experiments**

*Thursday, December 3, 2015 at 11:30.*

**11:30 Two different discrete models of cardiac electromechanics**

Dr. Rodrigo Weber dos Santos,  
Federal University of Juiz de Fora  
(Brazil).

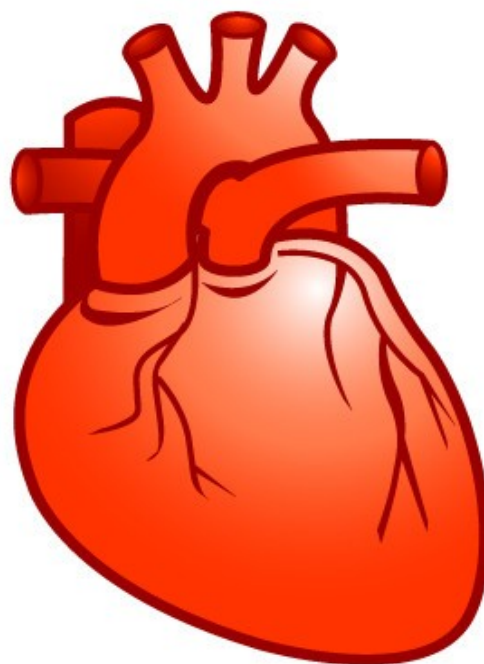
12:20 Pause

**12:30 High Performance Computing Cardiovascular Modelling**

Dr. Jazmin Aguado Sierra,  
Barcelona Supercomputing Center.

**13:00 Altered calcium homeostasis in atrial myocytes from patients with 4q25 risk variants for atrial fibrillation**

Dr. Leif Hove,  
Catalan Cardiovascular Research Institute.



*Location:*

*Sala de Graus (Room 022)*

*Escola Politècnica Superior d'Edificació de Barcelona (EPSEB)*

*Av Doctor Marañón 44-50, 08028, Barcelona*

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