07-07-10 Summer School on Math. Modelling and Numer. Simulation of the Cardiovascular System

July 07 - 09, 2010
A Coruña, Spain

In recent years, many efforts have been devoted to develop mathematical models describing the behavior of the human cardiovascular system, and to the analysis and implementation of suitable numerical methods for solving these models. These techniques may help to improve the diagnosis of cardiovascular diseases and to plan surgeries better.

This summer school will consist of three courses and four lectures. Models currently used in the simulation of the cardiovascular system behavior will be presented as well as the numerical techniques used to solve them and the main challenges faced up to. The application of some of these results in medical practice will also be shown. We encourage you all to participate in this event!

More information: http://dm.udc.es/cardio10