

Conferinte finantate din proiectul RP-07:

- 1) Workshop on Models and Images for Porous Media, Paris, January 12-16, **2009**, Université Paris Descartes, "*Mathematical Modelization for Computing the Permeability in Human Cortical Bone*", M. C. Stroe, **M. Racila**, J. M. Crolet, Book of Abstracts, pp. 68
(http://mipomodim.math-info.univ-paris5.fr/abstracts_v2008-12-08.pdf)
- 2) International Conference on Bioengineering & Biomaterials, March 18 – 20, **2009**, Meknes (Morocco), "*Transport Of Oxygen In Cortical Bone. Influence Of Mechanical Loading*", **M. Racila** and J.M. Crolet
(http://ic2b2009.enise.fr/resumes/r_I02I57C2.pdf)
(<http://ic2b2009.enise.fr/contenu.php?page=session&session=16&theme=2>)
- 3) 10th WSEAS International Conference on Mathematics & Computers In Biology & Chemistry (MCBC '09) (**ISI** conference), Prague, Czech Republic, March 23-25, **2009**, "*SiNuPrOs : Mathematical Model of Human Cortical Bone*", **M. Racila** and J.M. Crolet
(<http://www.wseas.org/conferences/2009/prague/mcbc/program.htm>)
- 4) Meditech: 'Exploring the Biological/ Biomechanics Interface', 7 mai **2009**, ARUP Campus Blythe Valley Park, Solihull, UK, "*A poro-elastic mathematical model for physical properties of human cortical bone: SiNuPrOs*", J.M. Crolet and **M. Racila**
(<http://www.meditech.cf.ac.uk/pages/Individula%20Meetings/May%2009/preliminary%20programme.htm>)
- 5) The 5th International Conference - Dynamical Systems and Applications (ICDSA 2009), June 15-18 **2009**, Constantza, Romania, "*Homogenization and mechanical behavior of human cortical bone. A numerical approach*", **Racila M.**, Crolet J.M., Book of Abstracts, pp.55-56
(http://www.univ-ovidius.ro/faculties/civil_eng/conferinta%20iunie%202009/Program.html)
- 6) ECCOMAS (European Community on Computational Methods in Applied Sciences) Thematic Conference: International Conference On Tissue Engineering, 9-11 July, **2009**, Polytechnic Institute of Leiria, Leiria, Portugal, "*Influence of mechanical loading in cortical bone*", **Racila M.**, Crolet J.M.
(http://ww2.estg.ipleiria.pt/files/102207_FinalprogramCTE200_4a547b9e72da4.pdf)
- 7) XXXIVème Congrès Annuel de la Société De Biomécanique, 31 août – 2 sept. **2009**, Toulon, France, "*Numerical simulation of fluid flow in the cortical part of a human femur*", Stroe C.M., **Racila M.**, Crolet J.M.
(<http://sb2009.univ-tln.fr/images/sbschedule.pdf>)
- 8) XXXIVème Congrès Annuel de la Société De Biomécanique, 31 août – 2 sept. **2009**, Toulon, France, "*Mathematical modelization of fluid flow in osteonal structures*", Crolet J.M., **Racila M.**
(<http://sb2009.univ-tln.fr/images/sbschedule.pdf>)
- 9) XXXIVème Congrès Annuel de la Société De Biomécanique, 31 août – 2 sept. **2009**, Toulon, France, "*Mathematical model of fluid flow in an osteon. Influence of cardiac system*", Miladi W., **Racila M.** (<http://sb2009.univ-tln.fr/images/sbschedule.pdf>)