- Refereed journals


-2- Book chapters


-3- Peer reviewed conference proceedings:


13. S. Balocco, O. Basset, G. Courbebaisse, Ph. Delachartre, P. Tortoli, and Ch. Cachard, *3D dynamical ultrasonic model of pulsating wall vessels*, Ultrasonics International (UT’05) and World Congress on Ultrasonics (WCU), Beijing (China), 2005.


- Conferences with abstract:


7. G.Courbebaisse, Quad-Tree and automatic ROI computation, 30th ISS’ day (International Society of Stereology), Ecole des Mines de Paris (France), Feb. 2007.


13. G.Courbebaisse, Radar and Jammer (Counter-measure systems), Conf. ISTASE, St-Etienne (France), February 2002.


26. G. Courbebaisse, *Characterisation of the turbulence within combustion room by Time-Frequency analysis*, 6<sup>th</sup> national coll. on visualisation and image processing dedicated to fluid mechanics, Saint-Etienne (France), June 1995.


-5- Chairman of session of congress:

1. 13<sup>th</sup> ICFD 2016, OS4 session: Novel diagnosis and evaluation methods for metastatic lymph, Sendai (Japan), October 2016

2. ICIP 2015, IEEE International Conference on Image Processing, Image Processing session, Quebec City (Canada), September 2015.

3. ICS 14 Interdisciplinary Cerebrovascular Symposium, Intracranial Stent Meeting, Thrombus session, Zurich (Switzerland), June 2014.

4. 41<sup>th</sup> SFNR (French National Society of Neuroradiology), Thrombus session, Paris (France), April 2014.

5. 9<sup>th</sup> ICFD 2012, Blood Flow in Medical Equipment session, Sendai (Japan), Oct. 2012.

6. 31<sup>th</sup> ISS, Image Processing session, Ecole des Mines de Paris (France), February 2008.


8. 30<sup>th</sup> ISS, Image Processing, Ecole des Mines de Paris (France), February 2007.


-6- **Invited Keynote Speaker:**


10. G.Courbebaisse, *A comparison between the software COMSOL(C) and a lattice Boltzmann code when simulating behaviour of viscous material*, In European COST P19 project, Conf. on Multiscale Modelling of Materials, Brno, Academy of Sciences - Masaryk University (Czech Republic), June 2008.


-7- **Scientific & technical reports:**


**8- Scientific Seminars:**


2. G. Courbebaisse, *Thrombus - Endovascular Prosthesis and Medical Imaging*, INSA Lyon (France), Laboratory MATEIS seminar, 2013.

3. G. Courbebaisse, *Towards a more realistic model of the thrombosis is the goal of the Thrombus project - A multidisciplinary approach*, Innovative Care Workshop - Cluster I-Care, Saint-Etienne (France), June 2012.


