

Call for papers

Invited session on **Computer Aided Diagnosis**

(The Sixth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP2010) **Darmstadt, Germany, October 15-17, 2010**)

Topics

It is well known that the early diagnosis for all diseases increases the cure rate drastically. The use of Computer Aided Diagnosis (CAD) systems has a major role in this area. This can be done through creation of artificial intelligence and neural networks classifiers which classify a patient as infected by a given disease or not and may be also classifies the degree of illness. These systems can be based on some features extracted from different medical analysis ways which can be done on the patient (radiogram, blood analysis, urine analysis, genes analysis, etc...).

Topics of interest related to *Computer Aided Diagnosis* includes but is not limited to:

- Medical image processing
- Radiogram analysis(CT, MRI, PET, Ultrasound Scan) computer based diagnosis
- Gene Expression computer based diagnosis
- Lab analysis computer based diagnosis
- Robotics diagnosis and treatment based on pattern recognition from medical image processing
- Cancer computer aided diagnosis and Treatment

Paper Submission

Papers are invited from prospective authors with interests in this particular special session and related areas of application. All contributions should be original and not published elsewhere or intended to be published. Submission of full paper should be made directly to the session organizer by April 4, 2010. Details of the required paper format are published at the official IIHMSP2010 website <http://bit.kuas.edu.tw/~iihmSP10/>.

Session organizer and chair

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Important Dates

- The deadline for paper submission: **April 4, 2010**
- The date for notification: May 31, 2010
- The date for camera-ready paper submission: July 2, 2010