



Warehousing Images in the Digital Hospital: Interpretation, Infrastructure, and Integration

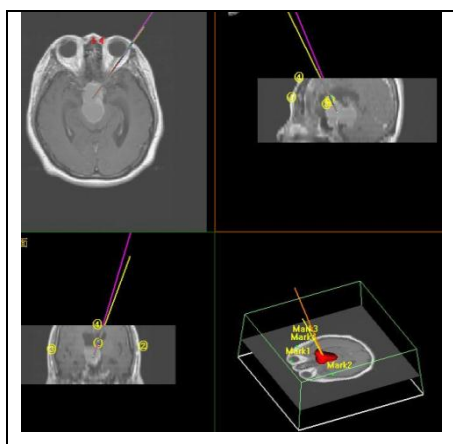
WIDTH Newsletter

January 2012
Edition: 3

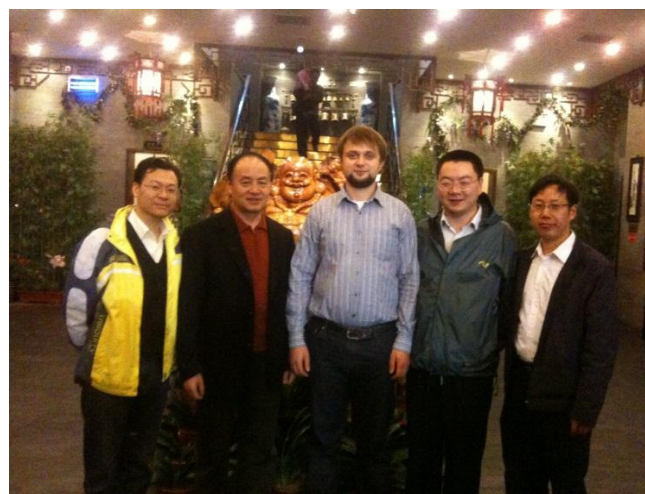
WIDTH Exchange Visits Started

The main goal of the project is to achieve knowledge transfer via the route of exchanging visits between partners institutes. In this way, researchers can obtain in-depth knowledge on the field that they might not be familiar with at the beginning, leading to the cutting edge research work involving multidiscipline.

The first visitor is Mr. Rui Hui, who is a 2nd year PhD student at Middlesex university, UK. He is working on automated path planning for image-guided neurosurgery and is visiting General Navy Hospital in Beijing.



The second visitor, Mr. Sergey Anishchenko (Left in the Figure shown below, Rui Hui is one right) is working on his PhD thesis on Motion Correction for PET scanners, was visiting the same hospital for 2 months during November and December 2011.



Significant progress has been made to correct the motion artifacts that generated due to the movement of



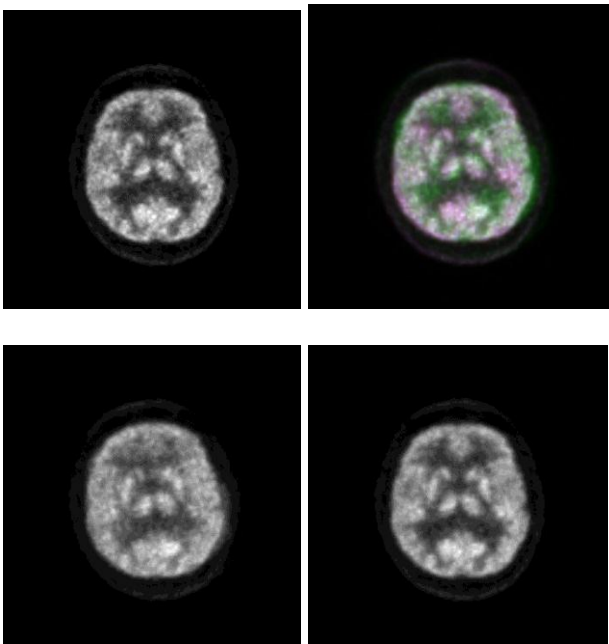
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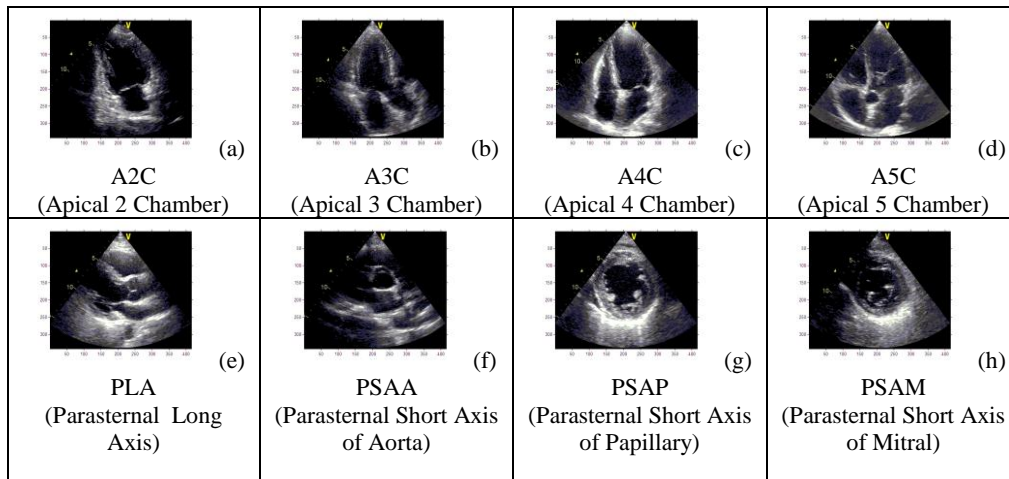
patients while undergoing Positron Emission Tomography (PET)scanning. The figures below demonstrate the initial image (top left), RGB processed (top right), simulated (bottom left) and final corrected images (bottom right).

Further visit was embarked by a senior researcher, dr. Qu Qian, from Middlesex University, UK. She visited Beijing Tsinghua First affiliated Hospital in December 2011 with a duration of 1 month.



She has been working on high-dimensional image management and learning the knowledge of 4D echocardiography.

This visit has resulted in a number of positive conclusions that are being written in a paper.





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DIARY DATES

February, 2012

- ✓ **Exchange programme continues from Europe to China and from China to Europe.**

June 27-30, 2012

CARS 2012, Pisa, Italy, <http://cars-int.org/>.

CONTACT INFORMATION

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