



# VIBOT DAY



**September 9th, 2008,  
Centre Universitaire Condorcet  
720 Avenue de L'Europe, 71200 Le Creusot.**

## FINAL PROGRAM

9 : 00	Welcome
9 : 15	Introductory Speech
9 : 30	Presentation of the VIBOT Masters Program (F. Meriaudeau, VIBOT Coordinator)
9 : 45	Robot navigation using stereo vision and polarization imaging (Arunkumar Pandian- India)
10 : 15	Quality Analysis of Retina Images for the Automatic Diagnosis of Diabetic Retinopathy (L. Giancardo – Italy)
10 : 45	Poster Session and Coffee break
11 : 30	Company presentation
12 : 30	Lunch at “Alto”
14 : 00	Motion Segmentation from Feature Trajectory (L. Zapella – Italy)
14 : 30	Real Time Stereo Visual SLAM (Stephen Thomas – New Zealand)
15 : 00	Poster Session and Coffee Break
16 : 00	Company Presentation
17 : 30	Conclusion of the VIBOT DAY and presentation of the partnership opportunities (F. Meriaudeau, VIBOT Coordinator)
18 : 00	Graduation Ceremony in the presence of the guest of honour: Dr Peter Sturm (INRIA).
19 : 30	Refreshments and appetizers at Chateau de La Verrerie offered by the CCM.
20 : 00	Banquet at Alto

### List of posters:

1. Performance Comparison of Feature Detectors for Monocular Visual SLAM (Sidharth Sood, India)
2. Line Matching Across Catadioptric Images (Saleh Mosaddegh, Iran)
3. Detection and Tracking of a Wall of a Dam using a Mechanically Scanned Imaging Sonar (Wahajat Kazmi, Pakistan)
4. 3D scanning of non-opaque objects by means of infrared imaging (Luis Alonso Sánchez Secades, Costa Rica)
5. 3D Reconstruction of Ultrasound Images (Muhammad Adil Hayat Khan , Pakistan)
6. Underwater 3D reconstruction from stereo images (Tanh Dao, Vietnam)

7. Depth and Reflectance Map Estimation in Underwater Environment (Fahad Fazal Elahi Guraya, Pakistan)
8. Parametric Image Formation of Human Prostate Cancer Vascularisation from MRI Perfusion Data (Kaikai Shen, China)
9. A Simulation of Automatic 3D Acquisition and Post-processing Pipeline (Arsalan Malik, Pakistan)
10. External-Self-Calibration of a 3D time-of-flight camera in real environments(Frederic Garcia Becerro, Spain)
11. Simultaneous Calibration of a Structured Light-Based Catadioptric Sensor (Ly Dieu Sang, Vietnam)
12. 3D Visual SLAM applied to large-scale underwater scenarios (Josep Aulinas, Spain)
13. Brain Segmentation Using Disease Specific Atlas (Romuald Jolivot, France)
14. Automated Mission Trajectory Planning for Mine Countermeasures Operations(Mikalai Drabovich, Bioelorusia)
15. Photorealistic Scene Reconstruction by Voxel Coloring (Intuon Lertrusdachakul, Thailand)
16. Multispectral Image Processing Applied to Dermatology (Bushra Jalil, Pakistan)
17. Vision Based Simultaneous Localisation and Mapping for Mobile Robots (Muhammad Naveed, Pakistan)
18. Acoustic Representation of Images for the Visually Impaired: The Human Bat (Mario Alejandro Rojas Quinones, Columbia)
19. Defocus Analysis for Three-Dimensional Shape Recovery (Dan Shao, China)
20. Denoising using Image Priors: Field of Experts and Epitome (Gaurav Sisodia, India)
21. A Study on MIMO Mobile-To-Mobile Wireless Fading Channel Models (Luis Alfredo Mateos Guzman, Mexico)