

**List of Posters for Graduate Student Summer Internship
Program
Department of Mathematics, UCLA
September 29, 2006, IPAM**

1. Paul Bunn, Large 2-Party k -Means Clustering Secure Against Malicious Adversary, mentor: Rafi Ostrovsky, UCLA Department of Computer Science
2. Joe Busch, Complexity lower bounds for higher-type languages, mentor: Elias Koutsoupias, Department of Informatics, Univ. of Athens, Greece
3. Alex Chen, Hyperspectral Imaging, mentors: Andrea Bertozzi, Jean-Michel Morel (Paris), and Ed Bosch (National Geospatial Intelligence Agency)
4. Ben Cook, Behavior of Shock Solutions in Particle-Laden Thin Films, mentor: A. E. Hosoi, MIT Mechanical Engineering and A. L. Bertozzi
5. Bin Dong and Yu Mao, Wavelet Representation for Shapes, Dr. Ivo Dinov, Dr. Yonggang Shi, and Dr. Zhuowen Tu, UCLA Neuroscience
6. Brett Hemenway, Private Information Retrieval and Secure Hashing, mentor: Rafi Ostrovsky, UCLA Department of Computer Science
7. Yanghong Huang, Optimization of Plasmonic Grating Coupler and Taper, mentor: Eli Yablonovitch, Electrical Engineering
8. Yanina Landa, Robotic Path Planning and Visibility with Limited Sensor Data, RIPS mentor for project with Los Alamos National Laboratory (Matt Sottile, T7 Division).
9. Yifei Lou, Layered Motion and Appearance Modeling, mentor: Stefano Soatto, UCLA Computer Science
10. Lok Ming Lui, Automatic Landmark Tracking and its Application to the Optimization of Brain Conformal Maps, mentors: Y. Wang, T. F. Chan, and P. M. Thompson, Lab of Neuro Imaging, Department of Nuerology, UCLA School of Medicine.
11. Steve Lu, Extended Visual Cryptography Schemes on Participants Organized in a Graph, mentors: Prof. Ostrovsky (UCLA CS) and Daniel Manchala (Xerox)
12. Kangyu Ni, Video inpainting by an approximate elastica inpainting and texture synthesis, mentor: Doug Roble, Digital Domain
13. Dima Sinapova, Improving the Clause Boundary Detector and Incorporating it in the Fragment Extractor, mentor: Noa Goldring, Finantix Inc.
14. William Skeith, Public Key Encryption that Allows PIR Queries, mentor: Rafi Ostrovsky, UCLA Department of Computer Science
15. Jian Ye, Shape representation using the Poisson Equation, mentor: Drs. Ivo Dinov, Zhuowen Tu and Yonggang Shi, Department of Neurology

16. Mingqiang Zhu, Fast Algorithms for TV-based Image Denoising, mentors: Lieven Vandenberghe, UCLA Electrical Engineering, and Tony Chan.
17. Yongning Zhu, Muscle Simulation Using Boundary Element Method, mentor: Demetri Terzopoulos, UCLA Computer Science Department.

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