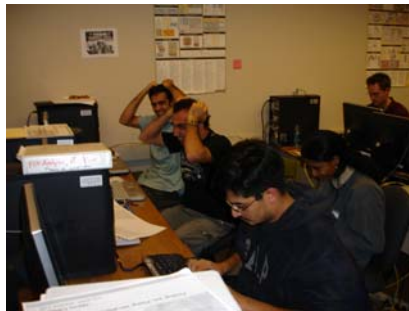


# Capture the Flag Competition Fall 2005

## Abstract of Rules

Each team must maintain a number of services active and uncompromised. At the beginning of a scoring period (say time  $t_0$ ), the scoring system connects to a service using a username and password (possibly creating an account on-the-fly) and stores a flag that is unique with respect to the team, the service, and this particular iteration of the scoring process. The flag is stored in a location that, in theory, is accessible only by using the username and password used by the scoring system.

After a certain period of time (say at time  $t_1 = t_0 + q$ ) the scoring systems tries to log in again with the same username and password. At this point, if the login is not successful, the service is considered as malfunctioning and no defense point are assigned to the team that is running the service. If the scoring system can successfully log in and nobody proved that at time  $t$ , with  $t_0 < t < t_1$ , the flag has been stolen, then the team hosting the service gets a number of defense points.



## Final Scores

Team	Total Score	Trend Score	Offensive Score	Defensive Score	Breakthrough
RWTH Aachen University, Germany (Old Bridge)	131915	20515	96930	34985	32000
Technical University of Vienna, Austria (W. Oest. Yu)	112821	23278	74101	38720	36000
Darmstadt University of Technology, Germany (Wizards of DoS)	106369	13127	75879	30490	12000
University of Illinois at Urbana-Champaign (SCMTL)	92333	17919	62093	30240	20000
Politecnico di Milano, Italy (The Tower of Hanoi)	89567	7446	68217	21350	8000
Universita' degli studi di Milano, Italy (Chocolate Makers)	76085	14668	55285	20800	0
Polytechnic University, Brooklyn, NY (Brooklyn, NY Overflow)	72118	14100	46768	25350	0
Queensland University of Technology, Brisbane, Australia (Chickster Horsemen)	69326	12350	39701	29625	0
UC Santa Barbara, USA (Alpha)	65864	16040	33624	32240	0
University of North Carolina (Minor's Threat)	57609	16271	27984	29625	0
North Carolina State University (Willhac-c3r5)	52609	11393	26709	25900	0
University of La Plata, Buenos Aires, Argentina (SYBER)	48385	10981	27225	20660	0
Team Georgia Tech World Police	47173	12375	23298	23875	0
University of South Florida, Tampa, FL (W.C.S.C)	46841	8598	20326	26515	0
Naval Postgraduate School, Monterey (flogDgs)	34195	4335	395	33800	7000
UC Santa Barbara, USA (Omega)	31349	7837	11249	20100	6000
Georgia Tech (in80)	33157	4807	2152	31005	0
Pennsylvania State University (The Graham Crackers)	32731	6490	4816	27915	0
Georgia Tech (Felix of Troy)	20839	4713	4154	16685	0
The University of Texas at Austin (4-6-6-6)	19725	3367	0	19725	0
University of Colorado at Colorado Springs (U.C. Lions)	15344	2687	1854	13490	0

## Participants

UC Santa Barbara; The University of Texas at Austin; Darmstadt University of Technology, Germany; University of North Carolina; Politecnico di Milano, Italy; University of Illinois at Urbana-Champaign; Technical University of Vienna, Austria; RWTH Aachen University, Germany; Polytechnic University, Brooklyn, NY; University of Colorado at Colorado Springs; University of South Florida, Tampa, FL; GeorgiaTech; University of La Plata, Buenos Aires, Argentina; Universita' degli studi di Milano, Italy; Naval Postgraduate School, Monterey; Queensland University of Technology, Brisbane, Australia; North Carolina State University; Pennsylvania State University

