rUNSWift

Standard Platform League
University of New South Wales
Australia

RoboCup 2012
Mexico City

The University of New South Wales (UNSW), Sydney, Australia

The University of New South Wales is one of Australia's leading research and teaching universities, with a broad range of disciplines (offering 300 undergraduate and 600 postgraduate programs). The main campus is located in Sydney and the university has over 44,000 students, including 7,000 international students from over 130 different countries.

rUNSWift - the 2012 SPL Team

Top Row (left to right)
Brad Hall, Bernhard Hengst,
Carl Chatfield, Peter Anderson,
Youssef Hunter, Roger Liu

Middle Row (left to right)
Sam Li, Ritwik Roy, Belinda Teh,
Sean Harris, Richard Hua

Bottom Row (left to right)
Naos: Smoker, Witch, Tank, Hunter,
Boomer

RoboCup SPL@UNSW

RoboCup continues to inspire and motivate our research interests in cognitive robotics and machine learning, particularly layered hybrid architectures, abstraction, and high-level programming languages.

The RoboCup Standard Platform League is an excellent training for students who also make a significant contribution towards research. Innovations for 2012 include natural landmark recognition, visual odometry, ICP feature integration for localisation, a new walking style, upgrade of the foveated vision system, new kicking routines, and new player behaviours (see forthcoming team reports for details).

The team is financed by the School of Computer Science and Engineering (CSE) at the UNSW. The UNSW SPL teams (and previously the Four-legged teams) have almost entirely been made up of final-year undergraduate students, supported by faculty and research students.

18-24 June 2012
WORLD TRADE CENTER
MEXICO CITY

RoboCup