Fast humanoid robot collision-free footstep planning using swept volume approximations

Nicolas Perrin^{1,2} Olivier Stasse² Florent Lamiraux and Eiichi Yoshida²

- 1: CNRS/LAAS, Université de Toulouse UPS, INSA, INP, ISAE 7 avenue du colonel Roche, F-31077 Toulouse, France
- CNRS-AIST Joint Robotics Laboratory, UMI3218/CRT, Tsukuba, Japan