

# ROS and RoboCup Rescue

- RoboCup Rescue competition
  - Robots have to explore disaster scenarios
    - Learn Maps
    - Find Victims
    - Manipulate/Observe
  - Both autonomous and teleoperated robots
  - Challenging Environment for both
    - Software
    - Hardware



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- Issues:
  - Re-Invention of the wheel
  - Wide range of challenges
- Initiative by the RoboCup Rescue community:
  - Provide basic building blocks for USAR robots based on ROS
- Past Events:
  - ROS Rescue Workshop Koblenz, Germany 2011
  - ROS RoboCup Rescue Summer School 2012, Graz, Austria
  - IEEE Summer School on Security, Service and Rescue Robots, Alanya, Turkey 2012
- Upcoming
  - Summer School collocated with the IEEE SSRR 2013 conference in Linköping, Sweden, November 2013
- Visit [http://www.ros.org/wiki/robocup\\_rescue](http://www.ros.org/wiki/robocup_rescue) for more info

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- Demo video on YouTube:

