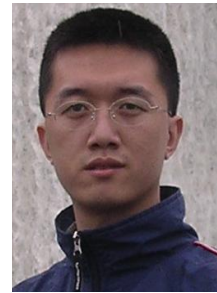


# Dr. Xiang Li

## Background

- 1995-1992 Beijing University of Aeronautics and Astronautics, Bachelor of Engineering, in Automatic Control;
- 1999-2002 Beijing Institute of Spacecraft System Engineering, Master of Engineering, in Spacecraft Design;
- Since 2003 research assistant at the Dept. of Computer Architecture , University Tübingen.



## Research interests

- Mobile Robot Control
- Optimal Control
- Nonlinear Model Predictive Control

## Publications

### Book Article

*Motion Control of an Omnidirectional Mobile Robot*

Xiang Li and Andreas Zell

In *Informatics in Control, Automation and Robotics IV*, Springer, to appear

### Conference Proceedings

*Nonlinear Model Predictive Control of an Omnidirectional Mobile Robot*

Xiang Li, Kiattisin Kanjanawanishkul and Andreas Zell

In *Proceedings of the 10th International Conference on Intelligent Autonomous Systems (IAS 2008)*.

*Nonlinear Model Predictive Control of Omnidirectional Mobile Robot Formations*

Kiattisin Kanjanawanishkul, Xiang Li and Andreas Zell

In *Proceedings of the 10th International Conference on Intelligent Autonomous Systems (IAS 2008)*.

*Nonlinear Predictive Control of an Omnidirectional Robot Dribbling a Rolling Ball*

Xiang Li and Andreas Zell

In *Proceedings of 2008 IEEE International Conference on Robotics and Automation (ICRA'08)*.

*Motion Control of an Omnidirectional Mobile Robot*

Xiang Li and Andreas Zell

In *Proceedings of the 4th International Conference on Informatic in Control, Automation and Robotics (ICINCO'07)*.

*Dribbling Control of Omnidirectional Soccer Robots*

Xiang Li, Maosen Wang and Andreas Zell

In *Proceedings of 2007 IEEE International Conference on Robotics and Automation (ICRA'07)*.

*H Infinity Filtering for a Mobile Robot Tracking a Free Rolling Ball*

Xiang Li and Andreas Zell

In *RoboCup 2006: Robot Soccer World Cup X*.

*Path Following Control for a Mobile Robot Pushing a Ball*

Xiang Li and Andreas Zell

In *Proceedings of the IFAC Symposium on Robot Control (SYROCO 2006)*.

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