Yizhen Lao

Resumé

✉ *lyz91822@gmail.com*
🖥 *yizhenlao.github.io*

Education

2016–2019 **Ph.D**, *Université Clermont Auvergne*, Clermont-Ferrand, .
in Electronic and System

2014–2016 **M. Sc**, *University of Twente*, Enschede, *79/100*.
in Geo-information Science and Earth Observation

2010–2014 **B.Eng**, *Wuhan University*, Wuhan, *84.1/100*.
in Spatial-Informatics and Digitalized Technology

Experience

2016–2019 **Doctorant**, *Institut Pascal, UMR 6602 Université Clermont Auvergne/CNRS*, Clermont-Ferrand.
Research topic: 3D SLAM with non-global acquisition cameras

Research interests

Computer vision

Machine learning

Publications

Title **A Robust Method for Strong Rolling Shutter Effects Correction Using Lines with Automatic Feature Selection**

Yizhen Lao, Omar Ait-Aider

IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2018

Title **Robustified SfM with Rolling-Shutter Camera Using Straightness Constraint**

Yizhen Lao, Omar Ait-Aider, Helder Araujo

Pattern Recognition Letters (**PRL**), 2018

Title **Topology Based Classification of Mobile Laser Scanning Data with Conditional Random Fields**

Yizhen Lao

M.Sc thesis , 2016

Title	**The Spatial Analysis of Weibo Check-in Data——The Case Study of Wuhan**
	Mingye Bao, Nanhai Yang, Liang Zhou, Yizhen Lao, Yun Zhang, Yangge Tian
	Geo-Informatics in Resource Management and Sustainable (**GRMSE**), 2013

Title	**Spatio-temporal analysis of weibo check-in data based on spatial data warehouse**
	Liang Zhou, Mingye Bao, Nanhai Yang, Yizhen Lao, Yun Zhang, Yangge Tian
	Geo-Informatics in Resource Management and Sustainable (**GRMSE**), 2013

Languages

Chinese	Native proficient
English	Professional working proficient
French	Basic

Programming skills

Languages	C++, Java, Python, Matalb, R
Libraries	OpenCV, PCL, Keras, Tensorflow