

## 鲁远耀

鲁远耀，男，博士，教授，博导。

主持国家自然科学基金面上项目2项，北京市自然科学基金预探索项目1项、北京市教委科技计划项目1项、北京市“中青年骨干人才培养计划”项目1项、北京市“优秀人才培养资助”项目1项；作为项目负责人主持完成了2项横向课题。在国内外期刊及会议上发表论文20余篇，出版教材2部，获得发明及实用新型专利6项。

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### 个人简历

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2003.3—2006.7，中国科学院电子学研究所，获通信与信息系统博士学位

2007.1—2007.4，英国中央兰开夏大学(University of Central Lancashire)访问学者

2014.1—2015.1，美国华盛顿大学 (University of Washington) 访问学者

#### ACADEMIC EXPERIENCE:

11/2009-present: Associate Professor, Department of Electronic Information Engineering, School of Electronic Information Engineering, North China University of Technology (NCUT)

07/2006-10/2009: Lecturer, Department of Electronic Information Engineering, School of Information Engineering, NCUT

01/2014-01/2015: Visiting Scholar, School of Engineering, University of Washington, USA

01/2007-04/2007: Visiting Scholar, School of Computing, Engineering and Physical Sciences, University of Central Lancashire, UK

03/2003-06/2006: PH.D. Candidate, Institute of Electronics, Chinese Academy of Sciences

### 教授课程

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数字信号处理、电路、电工学、模式识别和视觉感知等。

#### COURSES TAUGHT:

Digital Signal Processing; Analog Circuits; Digital Circuits; Pattern Recognition and Visual Perception.

#### 主要研究领域和方向

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1. 图像处理与视觉感知
2. 模式识别与人工智能

#### RESEARCH INTERESTS

1. Image processing
2. Pattern recognition
3. Visual perception
4. Lip reading

#### 近五年的荣誉成果

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1. 石景山科技技术奖三等奖，视障者智能阅读辅助器具研究与开发，2014
2. 北京市精品教材（2011），“十二五”国家级规划教材（2014），《计算机通信网络技术》，参编

#### AWARDS:

1. Shijingshan Science and Technology Award, Third Prize, issued by Shijingshan Government, 2014, ranked 5th
2. Computer Communication and Network Technology, “Excellent Textbook” issued by Beijing Municipal Education Commission, co-author, 2011

#### 近年来主要科研项目

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1. 国家自然科学基金面上项目, 61571013, 基于唇动视觉特征的话语内容识别方法研究
2. 北京市自然科学基金预探索项目, 4143061, 基于唇部视觉特征的语言识别技术研究
3. 北京市教委科技计划项目, KM201710009003, 基于唇语视觉动作的语言识别关键技术研究
4. 北方工业大学长城学者后备人才培养计划项目, 基于唇语识别的智能人机交互技术研究

#### GRANTS & PROJECTS (selected):

1. Research on methods of speech content recognition based on visual features of lip movement, National Natural Science Foundation of China (61571013), 2016-2019, project leader
2. Research on language recognition based on lip visual features, Beijing Natural Science Foundation of China (4143061), 2014-2015, project leader
3. Research on key techniques of speech recognition based on lip motion visual features, Science and Technology Development Program of Beijing Municipal Education Commission (KM2017 10009003), 2017-2019, project leader
4. Research on intelligent human-machine interaction based on lip reading, Great Wall Scholar Reserved Talent Program of North China University of Technology (NCUT2017XN018013), 2017-2018, project leader

#### 近年来出版的主要教材与专著

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1. 计算机通信网络技术. 北京: 机械工业出版社, 2010. 北京市精品教材, “十二五”国家级规划教材

#### BOOKS:

2. Computer communication and network technology, China Machine Press, ISBN: 978-7-111-30434, 2014, co-author

#### 在研主要项目

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1. 国家自然科学基金面上项目, 61571013, 基于唇动视觉特征的话语内容识别方法研究
2. 北京市教委科技计划项目, KM201710009003, 基于唇语视觉动作的语言识别关键技术研究

#### ONGOING PROJECTS:

1. Research on methods of speech content recognition based on visual features of lip movement, National Natural Science Foundation of China (61571013), 2016-2019
2. Research on key techniques of speech recognition based on lip motion visual features, Science and Technology Development Program of Beijing Municipal Education Commission (KM2017 10009003), 2017-2019, project leader

### 国内外学术活动

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1. 英国中央兰开夏大学(University of Central Lancashire)访问学者
2. 美国华盛顿大学 (University of Washington) 访问学者
3. 日本、美国参加国际学术会议

#### INTERNATIONAL EXCHANGES:

1. Visiting scholar @ University of Central Lancashire & University of Washington
2. International conferences in Japan and USA