



## 研究生院英语教改试点

## 研究生学位课

# 航空航天学术英语

Academic English for Aerospace Graduates

# Lecture 12

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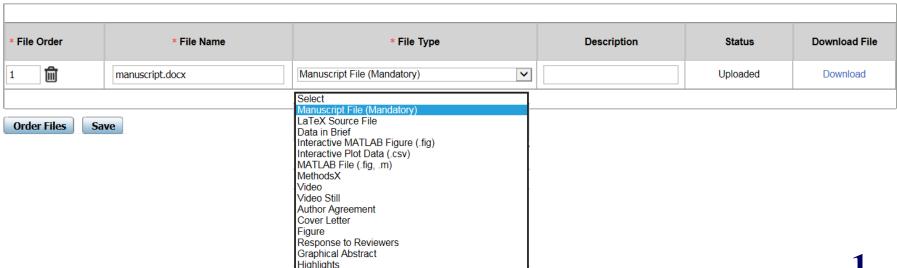


Main documents needed for the submission...

Supporting File

- Manuscript file
- Highlights
- **Author Agreement**
- Cover letter
- Supplementary research data

Upload Files Order Files





### Highlight

- Highlights are a short collection of **bullet points** that convey the **core findings** and provide readers with **a quick textual overview** of the article.
- These **three to five bullet points** describe the essence of the research (e.g. results or conclusions) and highlight what is distinctive about it.
- Highlights will be **displayed in online search** result lists, the contents list and in the online article.
- There should be a maximum of 85 characters, including spaces, per highlight.
- Only the **core results of the paper** should be covered.
- **Novelty** of the paper should be included.

#### **Highlights**

- A conformational two-state mechanism for proton pumping complex I is proposed.
- The mechanism relies on stabilization changes of anionic ubiquinone intermediates.



• Electron-transfer and protonation should be strictly controlled during turnover.

### Highlights:

- 1) Rotation effects on suction side film cooling are investigated.
- 2) Passage vortex influence on the film deflection at three spanwise positions is studied.
- 3) High density ratio achieves better film coverage and makes the film expand at spanwise direction.
- 4) Optimal blowing ratios exist for the experimental results and the numerical results but the values are different.





### Author agreement

- All the authors listed in the paper should know the submission status of the paper
- Correct E-mail address for all the authors should be provided during the submission
- Nowadays, most journals let the co-authors confirm the submission online (electronic signature)
- Remind all the co-authors after your submission



### Cover letter

- Simply introduce the **main innovations** of the paper
- Declare no multi-submission of one manuscript and duplicate publication
- Declare no plagiarism

All previously published work used in this paper, by the authors, has been fully cited All previously published work used in this paper, by other researchers, has been fully cited

#### Dear Editors:

We would like to submit the enclosed manuscript entitled "Paper Title", which we wish to be considered for publication in "Journal Name".

No conflict of interest exits in the submission of this manuscript, and manuscript is approved by all authors for publication. I would like to declare on behalf of my co-authors that the work described was original research that has not been published previously, and not under consideration for publication elsewhere, in whole or in part. All the authors listed have approved the manuscript that is enclosed.

In this work, we evaluated ..... (Simply introduce the main innovations of the paper).

1.

2.

5050

I hope this paper is suitable for "Journal Name". We deeply appreciate your consideration of our manuscript, and we look forward to receiving comments from the reviewers. If you have any queries, please don't hesitate to contact me at the address below.

Thank you and best regards.

XXXXXX

Corresponding author:

Name: ×××

E-mail: ××××@××××

## An Example



## Supplementary research data

- Detailed raw data
- Processed data (For example: Video)
- Software <u>https://www.pnas.org/content/early/2018/12/19/1812570116</u>
- Algorithms
- •

#### Share your research data (Optional)

In this section, you can make your research data available with your article. Sharing research data helps other researchers evaluate your findings, and increases trust in your article. Research data can include, (but is not limited to): raw data, processed data, software, algorithms, protocols, methods and materials.

Please cite your research data within your article; consult your journals Guide for Authors for instructions.

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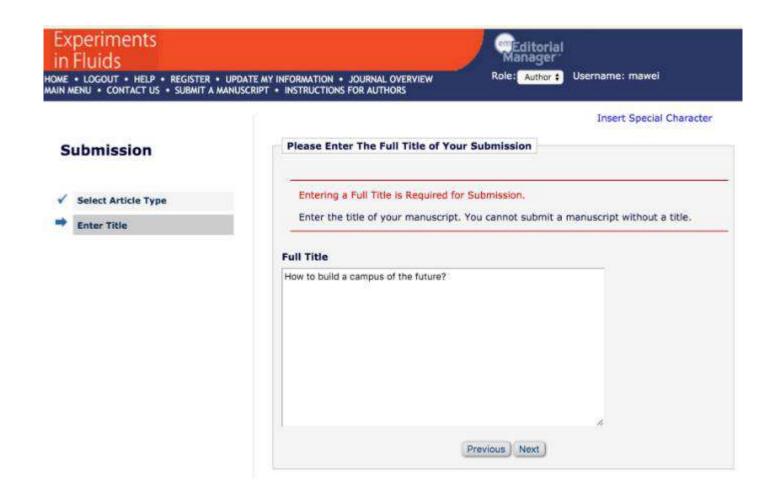


### Select an article type





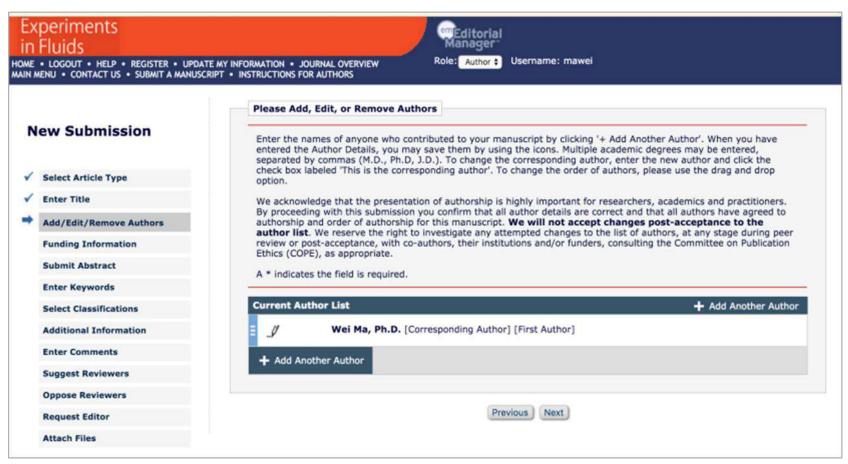
### Enter title





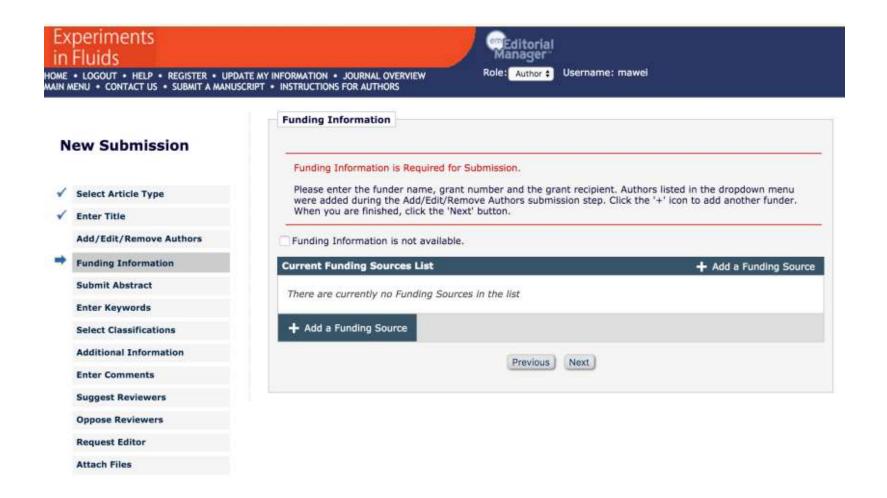
### Edit authors

The information for all the authors, especially the E-mail address, should be provided



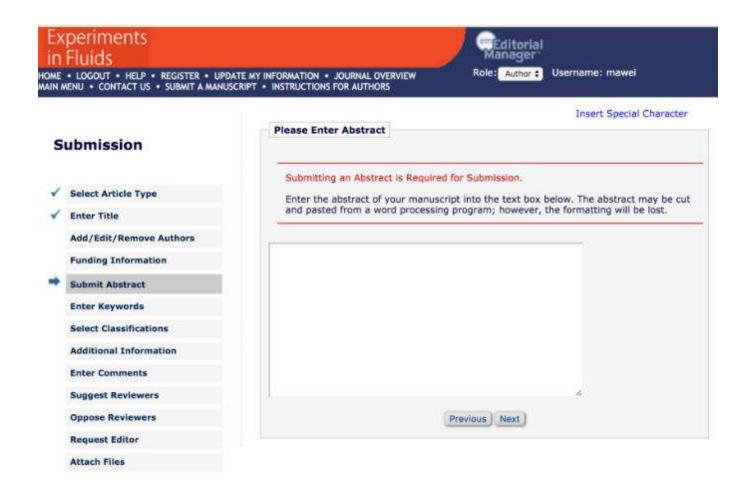


### Foundation Information



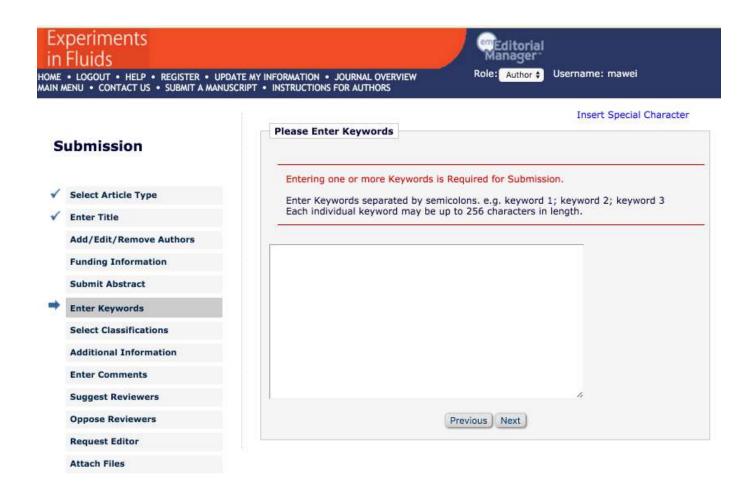


### Submit abstract



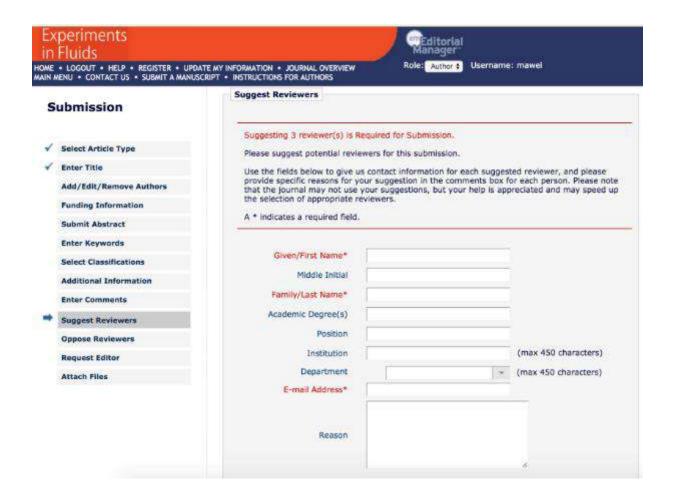


### Submit keywords





## Suggest Reviewers





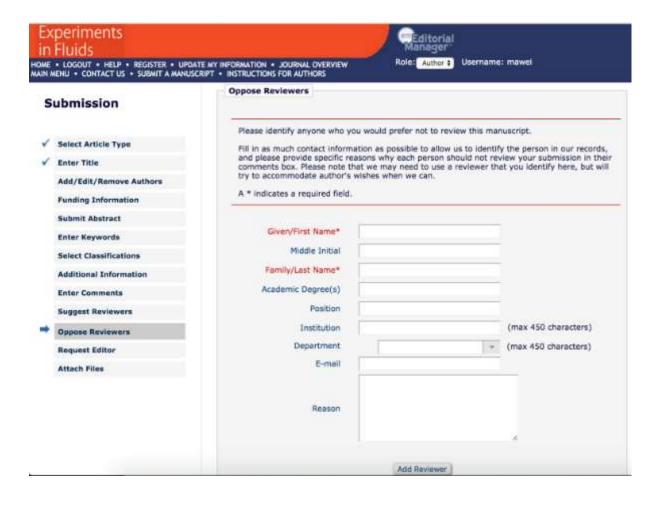
## Suggest Reviewers

### Name, E-mail address, Affiliate, Reason

Suggested Reviewers:	Ramis Orlu, Ph.D Researcher, Royal Institute of Technology (KTH) ramis@mech.kth.se Prof. R. Orlu is an expert in turbulent boundary layer. In this manuscript we have referred a lot of his investigations. He is the right person to be a reviewer. We believe that he could give us very valuable advise to improve this manuscript.
	Ivan Marusic, Ph.D Professor, University of Melbourne imarusic@unimelb.edu.au Prof. I. Marusic is a respectable expert in turbulent boundary layer. He is the right person to be a reviewer, who will give us lots valuable advise to improve this manuscript.

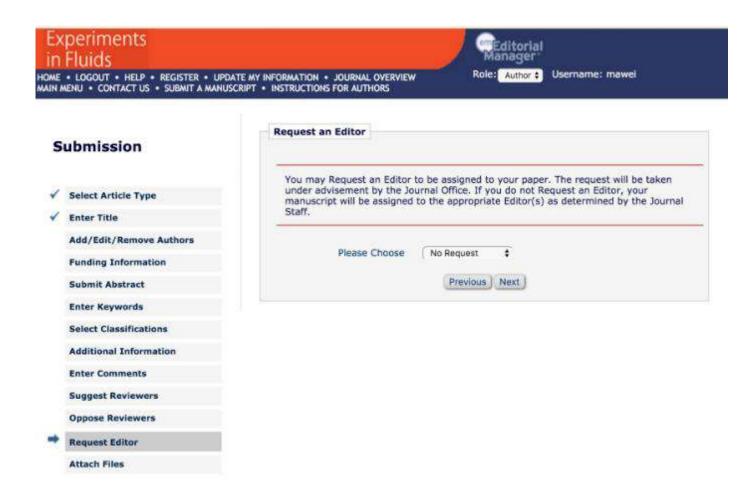


## Oppose Reviewers





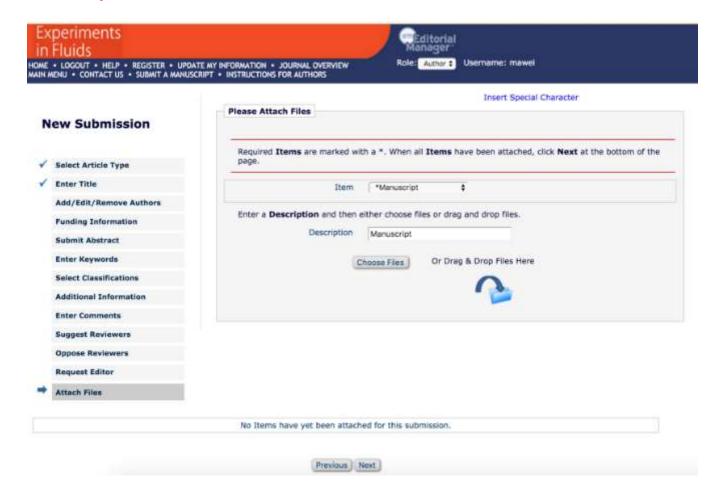
### Request editor





### Attach file

Manuscript file, Highlights, Author Agreement, Cover letter, Supplementary Research Data...





### Comments of Reviewers/Editors

- First of all, **congratulations** for receiving the comments from the editors/reviewers no matter positive or negative
  - > Point out the problems in the paper very specific
  - ➤ You will know the defects of your paper
  - ➤ You will know **how to modify** your paper
  - Less complain (layperson, poor question...), more thinking
- Carefully modify the paper based on the comments even though your paper is rejected
- Don't expect your paper can be accepted for the first time!



### Response to the Comments

Dear Dr. Tian,

Manuscript ID WE-16-0148.R2 entitled "An Experimental Investigation on the Wake Interference among Wind Turbines Sited in Aligned and Staggered Wind Farms" which you submitted to Wind Energy, has been reviewed. The comments of the referee(s) are included at the bottom of this letter.

The referee(s) have recommended publication, but also suggest some minor revisions to your manuscript. Therefore, I invite you to respond to the referee(s)' comments and revise your manuscript.

You can upload your revised manuscript and submit it through your Author Center. Log into https://mc.manuscriptcentral.com/we and enter your Author Center, where you will find your manuscript title listed under "Manuscripts with Decisions".

When submitting your revised manuscript, please provide a response at Step 1, Response to Decision (Author's Response). Please indicate in detail the changes you have made and why. Also, indicate which of the suggested changes, if any, you have elected not to make and your reasons. You can use this space to document any changes you make to the original manuscript or alternatively you can upload your Response to Reviewers as file type Supplementary Material for Review. If you choose to upload your response, please include a brief note to this effect at Step 1.

Please note: Your manuscript may be unsubmitted if you do not provide a clear description of the changes made.



### Response to the Comments

- Response to the comments **point to point** 
  - ➤ Indicate in detail the changes you have made and why
  - ➤ Indicate which of the suggested changes
  - ➤ Indicate the location of the changes
  - > Suggestion: upload your response as attached files (easier to read)
- > Other points
  - Respect the works of reviewers/editors. They help you to make your paper better
  - ➤ If you disagree the comments, provide sufficient materials to support your idea and discuss with your peers



## Response to the Comments - An example

#### Response to reviewer #2 comments

Ref. No.: INDAER-2016-279

Title: An experimental investigation on the aeromechanics and wake interference of wind

turbines sited over complex terrain

Authors: Wei Tian, Ahmet Ozbay, Hui Hu

Submitted to: Journal of Wind Engineering & Industrial Aerodynamics

We want to thank the editor and the reviewers giving us the helpful and constructive suggestions and comments. We have seriously considered the comments and checked the manuscript.

The words in *black* are taken from the editor and reviewer's comments. Our responses are given in the sections that follow in *blue* color.

We have also highlighted the modifications/revisions in blue color in the revised manuscript.

#### Reviewer #2 Comments

The experimental work presented in this paper is interesting, complete and very well documented. In my opinion it is worth publishing to the journal. I have some minor observations that may assist the authors to further improve their document.

#### Abstract

It can be also stated that the objective of the work is to create a database for the validation of numerical predictions (this is mentioned at the end of the Introduction). The sentence "In addition ..... hills" can be removed. The same applies for the last sentence "in order to elucidate ..... complex terrain" (it is repeated). Instead, the main findings (2-3 sentences) regarding the terrain and wake effect on the performance and loading of the wind turbines should be included.

**Response:** We have rewritten the abstract according to the review comments. The main findings regarding the terrain and wake effect on the loading of the wind turbines have been included in the revised abstract.

**Basic information** 

Thanks to the reviewer

Distinguish the revised and the original information

Point to point response

The reviewer's comments also should be listed



### Resume or CV

- Personal Data
- Research Interests
- Work Experience
- Education Experience
- Publications
- Projects Participated
- Honours, Awards, and Achievements



## Resume or CV



#### 部分職

□ 研修 製版化 模型 博學

L か公相談: 021-34204306

四 电子部件: xqzhan@stu.edu.cn

0 办公绌社:上海交通大学航空机天学院1405室

#### 工作秘密

BDMD	任职单位	彩色
LOUIS IN A	上海交通大学	博士烈、副朝州、朝澄、博林、仪器工程的
1999年-皇令		副主任、机会机天学品层长和性、祖院长
1994年-1996年	世界第工程大学	即以控制系并指

9510	学业系校	學历	
1996年-1999年	进尔国工业大学和电学信机和电子工程专业	工学博士	
1992年-1994年	地尔埃工程大学自拉伯提尔应用专业	工學硕士	
1988年-1992年	地尔满斯的工程学院自控原理与应用专业	工学学士	

#### 研究方向

- (1) 正星等軟件号与系统
- (2)组合特制进论与技术
- (3)位置服务与通权技术

#### 主要科研项目

张斯从事导航、制导与控制理论及应用研究、先后主持663分余项目、中欧加利瑞合作计划项目、北斗专项、上海市科技攻关重大项目、上 两年科技改义重点项目等科研任务40余项:发表企文100余期,授权国家发明专利和软件等作权20余项。

#### 代表性论文专题

- [1] QIN, F., 20AN, X., GANG, D., Improvement of Global Novigation Statelkie System Signal Augustatus Using Different Grade Inertial. Massurement Units for High Dynamic Applications [7]. HT Radar, Sonar and Navigation, 2014.
- (2) QIN, F. ZHAN, X. GANG, D. Performance Improvement of Receiver Tracking Loops Based on Ultra-Tight Integration in GNSS-challenged Environment[3]; Sensors, 2013, 13(12), 16406-16423.
- [3] Manuary No., Xingque Zhan, Li Liu, etc. A Class of SLCD-Based Spreading Codes for GNSS Lin(3). IEEE Transactions on Agreepany and Electronic Systems, 49(1), 2013, 699-702.
- [4] LIU, L., ZHAN, X. Q., LIU, W., et al. Assessment of Radio Property Computibility between Compute Plant II and Other GNSS(J). The
- [5] Yongquer Wang, Xingque Zhon, Yantuu Zhong. Improved arthrigaby function method based on analytical resolution for GPS apinals: determination[J]; Measurement Science and Technology, 2007, 18(9), 2985-2900.

#### 学术要职

- 11)2012年至今,国家特的与拉贾班务科技重点专动专家
- (2)2010年至今,北斗专项国际合作专案
- (3)2011年至今、全球卫星早航系统国际委员会运用子工作组联合主席
- (4)2015年至今、全球卫星导航系统国际委员会应务性领域开工作实现会主席

但任上海交通大学机学机关学院导航团队学术等头人。上海市科拉西明星,上海市高校优秀青年教师员备人才,国家商品课程主讲人之

一。"万人计划"获得者,多次担任卫星率航道美国助学术会议的程序委员会委员、分会主席,并领大会主国报告。

### 美国Lakshmi N. Sankar教授学术报告通知

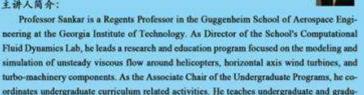
主題: A Combined Computational and Experimental Research Program for Offshore Wind Turbines

主讲人: Prof. Lakshmi N. Sankar (Georgia Institute of Technology)

时间: 2015年5月12日 (周二) 14:00-17:00

地点: 空天大楼四楼会议室

#### 主讲人简介:



#### Research Interests

design, and computational aerodynamics.

· Application of Hybrid Navier-Stokes-Discretized Wake Methods for Rotors in Forward Flight and maneuvers

ate level courses in the areas of aerodynamics, helicopter theory, wind energy, aerodynamic

- Development of Methodologies for Modeling Ice Accretion with Rotary Wing Applications
- · Coaxial Rotor CFD and Aeroacoustics Modeling and Design
- · UAV Propeller Design
- · Flight Mechanics and Control-Oriented Modeling for Next Generation On-Blade and Individual blade Control Concepts
- · Mission Adaptive Rotors
- · Surrogate Models for Dynamic Stall and Morphing Rotors
- · Reduced order Modeling of Ship-Air Wake Interactions
- · Lattice Boltzmann Modeling of Flow Control Concepts
- · Circulation Control Aerodynamics for Very Efficient High-lift and Cruise Performance for Subsonic/Transonic Air Vehicles, Jointly with Bob Englar (GTRI)
- · Active and Passive Control of Vertical Axis Wind and Tidal turbines Education
- . Ph.D., Aerospace Engineering, Georgia Institute of Technology, 1977.
- MSAE, Aerospace Engineering, Georgia Institute of Technology, 1975.
- B. Tech., Aeronautical Engineering, Indian Institute of Technology, Madras, India, 1973.



## Resume for a conference

- Mr. SONG is a third-year doctoral student at <u>School of</u> <u>Aeronautics and Astronautics</u> (or \*\* Laboratory) in <u>Shanghai</u> <u>Jiao Tong University</u>.
- His main research interests are <u>measurement technologies in</u> <u>turbomachinery</u> and <u>CFD for hypersonic flow</u>
- Today he will give us a speech entitled "*How to build a campus for the future*".



## **Recommendation letter**

- Why a Recommendation Letter is need?
- Recommender:
  - Supervisor
  - Course teachers
  - Somebody in your research domain
- General Principles: REAL & EFFECTIVE
- Content:
  - General Recommendation
  - Recommendation reasons (give some details)
  - Recommender Information



## Recommendation letter- An example

Dear Colleagues:

I am writing to recommend Mr. Chang LIU as a prominent candidate to your graduate program. As his mentor of the summer research intern, I am happy in writing this letter to support his application.

I can still recall the first day Mr. LIU came to my office asking me whether he could have the chance to work as an intern in my research group. I had a long conversation with this smart young man. By knowing he had good performances in many senior-level even graduate-level courses during his sophomore and junior year, I made my decision to accept him as a member in my group.

In my group, we have regular group meeting and discussion session every week to study evolution algorithms and their recent updates in Machine Learning. Everyone in my group would attend these activities. Mr. LIU had never missed or being late for any single meeting or discussion session during his whole intern period. His enthusiasm for new knowledge as well as solid background in mathematics attracted my attention. In our discussion, Mr. LIU took his active participation in the topics concerning supervised learning, clustering and optimization modeling. He could think in quick manner and give his rough solution intuitively. His quick learning ability impressed me a lot. Compared with other students of his age and grade, his understanding of the various research topics and comprehensive consideration of them apparently exceed among. From my point of view, he is a very brilliant student with considered academic objectives.

Mr. LIU also owns the outstanding ability of bring things to happen. During his intern, he took responsibility of background investigation about regression forecasting model. Within two weeks' time, he finished reading over 10 papers and summary reports from groups in US and Europe. Then he gave us a well-organized presentation on the literature review of this topic with insightful opinion. In the following month, he completed with coding work and system building. His work efficiency made me delighted in that even some graduate-level students could not accomplish this assignment within such time. The serious-minded attitude and worshipful spirit of discovering shown in his presentation and programming led me to be extremely satisfied about his intern work.

Mr. LIU is an initiative-driven individual and I can observe his deep inner passion for electrical engineering as well as aspiration to seek higher academic achievements in this area. Mr. LIU is a highly motivated and ambitious young man with clear goals in mind, and I would be very pleased to recommend him to your esteemed graduate program. If you need any further information about Mr. LIU, please feel free to contact me directly by phone or by Email.

Sincerely,

\*\* WU
Ph.D. Professor
Department of Automation, Shanghai Jiao Tong University
Office Phone: 8621-3420\*\*\*
E-mail: \*\*\*\*\*\*@situ.edu.cn



## Homework

- Finish the writing of your manuscript (notice the submission deadline)
- 2 Finish your presentation for the simulating International Academic Conference (hold on Week 14)

Looking forward to your performance on the simulating International Academic Conference!