

# **Department of Precision Instrument – The 666th Tsinghua University Graduate Academic Forum**

## **I. Introduction to the Forum**

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Tsinghua University Department of Precision Instruments' "Keep Improving" Doctoral Academic Forum and the 666th Tsinghua University Doctoral Academic Forum will be held from June 11 to 12, 2022. This forum is hosted by the Graduate School of Tsinghua University and the Department of Precision Instruments of Tsinghua University, undertaken by the Research Team of the Party Committee of the Department of Precision Instruments of Tsinghua University, and the Graduate Association of the Department of Precision Instruments of Tsinghua University. It aims to enhance academic exchanges, promote interdisciplinary research, broaden the scientific horizons of postgraduates, and enhance the comprehensive scientific research capabilities of postgraduates. In addition to invited reports by experts and academic discussions for postgraduate students, this forum will also carry out activities such as academic career counseling to provide academic career development guidance for participating postgraduate students. Under the new epidemic prevention and control situation, this forum will be held in parallel online and offline to build an academic sharing platform for graduate students under the condition of health and safety.

After the paper has passed the review and entered the forum, the organizing committee will set up awards in the oral report and academic poster presentation. Based on the scores of the academic committee reviewing teachers and the audience, 10 outstanding Oral reports and 10 outstanding academic posters will be selected. Moreover, a certificate issued by the Department of Precision Instruments of Tsinghua University will be awarded to the winning authors.

## **II. Basic arrangement of the forum**

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The call for papers for this forum is mainly for doctoral students from Tsinghua University and other universities at home and abroad. The scope of the call for papers includes, but is not limited to, the topics listed below and the areas of expertise cover:

### **Forum topic:**

**Instrument Science and Optics**

### **Submission directions include but are not limited to:**

Instrument Science and Technology, Optical Engineering

(If you submit other related directions, please indicate the subject)

### **Hold time:**

June 11-12, 2022

### **Venue:**

Tencent Meeting Online

### **How to participate:**

Online

### **Manuscript requirements:**

1. The manuscript is required to have clear innovation points and detailed arguments. Submitted papers should be targeted, innovative, and practical.
2. Published or unpublished papers can be submitted. Both Chinese and English are not limited. It is recommended to submit papers in English. Unpublished papers can optionally provide full text.
3. Submissions and presentations require the consent of the supervisor and the corresponding author of the article; the author should ensure that it is not infringing, not involving confidentiality, and is responsible for the text.

### **III. Thesis presentation form**

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If the paper is included in the editorial, it means that the paper can be selected for the Proceedings of the Doctoral Forum and will be presented. There are two forms of presentation of papers: oral presentations and academic poster presentations.

Oral report:

Contributors are required to make a PPT, report within 15 minutes on the forum site or the Tencent conference online platform, and conduct a 5-minute question exchange. Report should be presented in English.

Poster display:

The forum organizing committee will provide a unified poster template. Contributors can add content to the template. The poster will be displayed on-site.

Participants are requested to print their posters. The poster size uses the default template size (80cm×110cm). For offline participants, please bring the

posters to the forum site. For online participants, please mail the posters to the Organizing Committee.

Mailing address: Building 9003, Department of Precision Instruments, Tsinghua University, Beijing

Recipient: BoLun Call for Papers Poster (18611621288)

Postcode: 100084

The authors can decide the paper submissions and reports of this forum in both Chinese and English. It is recommended to submit papers and reports in English and check the postgraduate public account of the Department of Precision Instrumentation: "2022 Tsinghua University Department of Precision Instruments Ph.D. Academic Forum Submission Process "Appendix 1 in the "Application Materials" cloud disk link (2022 Tsinghua University Precision Instrument Department "Excellence" Doctoral Academic Forum Registration Form).

## **IV. Forum registration and submission process**

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### **Formal registration**

Submit by mail

1.Registration form: Before 23:59 on May 8, send the registration form (Annex 1) and abstract to the mailbox of the organizing committee (thudpi2022@163.com)

2.Forum materials: Before 23:59 on May 15th, package the full text (pdf) or poster (ppt) and send it to the Organizing Committee mailbox ([thudpi2022@163.com](mailto:thudpi2022@163.com))

You can scan the QR code of any notification group below or add an assistant WeChat to join the forum notification group, namely Pre-registration can be completed.

| Forum notification group QR code                                                  |                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Group 1                                                                           | Group 2                                                                            |
|  |  |

Assistant 1: THU\_DPIer

Assistant 2: thu\_stu

## V. Forum registration and material collection time node

The primary time points for registration and paper collection are as follows. If there is any change, the organizing committee will notify separately.

| Project                                                       | Deadline       | Precautions                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Deadline for registration forms and abstracts</b>          | May 8th 23:59  | The abstract should be written in strict accordance with the abstract format in Annex 2, and try to avoid tedious formula derivation, experimental process and calculation methods and other large paragraphs of text description.                                                                 |
| <b>Deadline for full-text papers</b>                          | May 15th 23:59 | The full text should be written in strict accordance with the format of Annex 3.                                                                                                                                                                                                                   |
| <b>Feedback material review results</b>                       | May 29th 23:59 | The Forum Organizing Committee will provide feedback to the participants based on the expert review results and determine the candidates for oral presentations and academic poster presentations.                                                                                                 |
| <b>Deadline for oral presentation PPT/poster solicitation</b> | June 5th 23:59 | PPT tries to avoid tedious formula derivation, experimental process, calculation methods, and other large paragraphs of text description. The templates are not unified, and Annex 5 is for your reference only.<br>Please refer to Annex 4 for the poster format, which must include the author's |

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|  |  | methods and innovations in their work, encourage interdisciplinary research and scientific research method exchanges, and use the default template size (80cm×110cm) for the poster size. |
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## VI. Matters needing attention

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1. This forum does not charge any fees.
2. Please keep the original manuscript for all submitted manuscripts. The manuscripts will not be returned; we promise not to disclose the secrets during the whole process of the forum, and the authors enjoy all the copyrights of the manuscripts
3. Articles that have been submitted or are being submitted can be submitted to this doctoral forum. This forum will not affect unpublished articles in other journals or conferences.
4. The academic posters of this forum will be displayed in the form of a public account push. Abstracts (full texts are encouraged) of all submitted manuscripts will be compiled into a collection of papers and distributed to all poster and oral presentation authors to promote interdisciplinary research exchanges.
5. After the formal registration and submission of manuscripts are received, we will send a confirmation email. If you do not receive the email, please contact the organizing committee in time through the contact information below.
6. Please carefully read the submission method and time node above, rename the application materials according to the regulations, and submit relevant materials within the specified scope.
7. In response to the need for epidemic prevention and control, this forum will be held in parallel online and offline. Please pay attention to the follow-up notices for the specific schedule and arrangement of various activities during the forum and the review rules.

## VII. Contact information of the organizing committee

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### Contact

Zesen Zhang zhangzs20@mails.tsinghua.edu.cn

Zihang Pu pzh21@mails.tsinghua.edu.cn

Ziqi Wei wzq20@mails.tsinghua.edu.cn

Organizing Committee Email: [thudpi2022@163.com](mailto:thudpi2022@163.com)

Academic Center of the Department of Precision Instruments, Tsinghua  
University

April 2022