**【草稿】**

**清华创客教育基金**

**清华大学iCenter驻校创客导师方案**

1. **目标**

The concept of “Mentors in Residence” is designed as a trans-disciplinary and cross institution collaboration to enable students, our University staff, as well as external Tsinghua stakeholders to push the boundaries of innovation to redefine what modern education can do for our society and global development.

“创客导师”的概念是制定出一个跨学科、跨院系、跨机构的合作框架，使得学生、教师，以及清华相关人士拓展从事创意创新的范围，并重新定义当代教育可以为社会进步、全球发展所做出的贡献。

The program invites notable makers from tech, entrepreneurship and creative fields, both from China and internationally, to become residents of iCenter for 3 to 12 months. While the residents are offered the opportunity to use iCenter resources for their personal ground breaking technologies and ideas, half of their time will be invested into creating a support system for Tsinghua students. The residents responsibilities include: encouraging students' creative exploration, nurturing their projects, helping them pursue their innovative projects, helping develop entrepreneurial mindset, and connecting students with likeminded makers for further help and collaboration.

本计划将邀请来自海内外的科技先锋、创业企业家、资深创意人等各领域知名创客，前来清华iCenter常驻3-12个月。其间，驻校创客有机会将iCenter的资源用于他们个人卓越的科技项目与创意作品中，而另一半精力用于为清华学生搭建支撑体系中。驻校创客的职责包括：鼓励学生从事创意探索、辅导培育学生项目、帮助学生从事创新项目、帮助学生培养企业家思维，并为具有共同志趣的学生建立联系，寻求帮助与合作的机会。

The concept of the program is derived from "Hacker in residence" practice - first proposed to Tsinghua University by Mitch Altman, the founder of Noisebridge hackerspace in San Francisco, since his first visit in 2012. We couldn’t be more honored to bring this program to iCenter and have Mr Mitch Altman as one of our first residents.

本项目的理念源于驻校创客家的实践，这一尝试由米奇奥特曼在2012年首次访问清华时首先向清华提出，米奇奥特曼是旧金山噪音桥创客空间的创始人，也是推动全球创客空间运动的代表性人物。

While similar programs like Mentors / Hacker in Residence have been incorporate in some of the world’s best companies and universities - among them Harvard, New York University, LinkedIn, Autodesk and SparkFun - we at Tsinghua are taking the idea to the next level, by combining the maker culture with our formal education program across all faculties.

当前，类似创客或导师驻校的概念已在全球顶尖企业、学府开展起来，例如哈佛大学、纽约大学、领英美国总部（LinkedIn）、欧特克（Autodesk）、SparkFun等。而我们在清华则将这一理念推向更高层次：将创客文化与主流教学融合在一起。

1. **2. 项目结构**

媒体公关团队

募款团队

导师遴选委员会

驻校创客导师团队

iCenter清华创客教育基金

1. **3. 导师团构成及遴选过程**

驻校创客导师团主要由三类人士组成：

文化创意产业

科技创客

创业企业家

资格条件

1. Unique set of experiences or past achievements;
2. Creative problem solving ability;
3. Engineering background or fluent understanding of technology or creative fields;
4. Experience in working with large groups of people or holding public presentations;
5. Sense of design;
6. History of documenting one's works;
7. Curiosity and continuous experimentation with new ideas and / or technologies.
8. 独一无二的经历与成就；
9. 极富创造性的问题解决能力；
10. 工程背景，或对技术透彻的理解，或对创意产业独到的见解；
11. 具有与较大规模团队共事的经历，或公众演讲经历；
12. 具有一定的设计美感；
13. 个人作品的记录与成果库；
14. 持续的好奇心以及探索新想法、新科技的动力。

遴选步骤

To ensure the highest quality of our mentors, a dedicated selection team and a standard application process will be established. The selection steps will be the following:

为了确保项目遴选出高水平的导师，需设立一个专门的遴选团队，并按照标准申请流程执行遴选。包括：

**1. Website and Media Strategy** - Establish a clear and simple online communication platform to highlight our program goals and ongoing results. Launch the program website and communicate with consistency on relevant social media channels.

**1. 专题网站及媒体策略** – 建立清晰、简洁的在线交流平台，展示项目目标与最新成果。发布项目专题网站并在相关社交媒体渠道上进行持续进行宣传。

**2. Web Form Application** - Offer a simple and interactive way for our potential residents to apply for the program. All relevant information and attachments should be sent in a single online registration form.

**2. 在线申请表单** – 为潜在驻校创客提供一个简洁的交互式申报网页。所有相关信息及附件应由这个统一的在线注册表单进行收集。

**3. Selection Committee** - The program administration team, together with the Selection Committee - a cross faculty body helping audit the applicant - will select the best candidates to become Mentors in residence. xxx

70% university representatives, 20% student representatives, 10% industry representatives

**3. 遴选委员会** – 本计划管理团队及遴选委员会——专为审核申请材料设立的跨学科教师团队——将共同遴选出最优秀的申请者，成为驻校创客导师。

遴选委员会成员构成：70%清华教师，20%学生代表，10%业界代表。

**4. Legal Documents** - Once an applicant is selected to become a Mentor in Residence, a dedicated team member from Admin Team will be assign to help with Visa, travel logistics and employment / service contract.

**4. 相关手续办理** – 一旦申请者入选为驻校创客导师，管理团队将派专人协助办理签证、往返交通、协议或合同签署等工作。

**5. Resident Arrival Logistics** - Upon arrival each mentor will have a contact person from the Admin Team to help with airport pickup, accommodation and basic city information.

**5. 导师到达** – 每位创客导师到达时，管理团队派专人前往机场接机，并安排住宿、介绍北京及清华的基本信息。

**6. Resident On-boarding Training** - In the first week in the program, every resident will have a detailed introduction to the program goals, Tsinghua University culture, software tools used for collaboration among residents and the ongoing activities between the program and our stakeholders.

**6. 导师入门培训** – 在驻校期间的第一周，每位导师将详细了解项目目标、清华文化、导师间协作工具及协作模式，以及正在进行的项目、活动等。

**7. Resident project documentation** - Mentors are required to document their work during their residency. At the end of their residency program, mentors are required to create a free form report about their experience at the iCenter.

**7. 导师项目记录** – 导师应按照要求记录驻校期间所从事的工作。期满时需完成一份在iCenter期间工作情况的报告，形式不限。

1. **导师任期**

The Mentors in Residence's application process is rotation based and new positions will be open in accordance to available seats. Those who apply for the program can choose a residency duration of 3 months, 6 months, 9 months or one year.

驻校创客导师的申请过程采用轮替制，期满离任后释放新的席位开放申请。申请人可以选择任期3个月、6个月、9个月，或12个月。

The participation time will be selected based on applicants' goals and projects they want to complete while at Tsinghua, along with consideration of our internal capacity and program goals.

任期将根据申请人的目标、驻校期间希望完成的项目的情况，以及iCenter内部接待能力及项目目标等因素决定。

Our object is to ensure intellectual diversity and also continuity of the skills and projects in development available to Tsinghua students at any given time.

我们将保证满足导师知识领域的多元化、导师技能特长与擅长领域的延续性，以及导师从事项目由清华学生参与的可行性。

1. **导师职责**

While at the iCenter the mentors in residence have the following responsibilities:

在iCenter期间，导师具有如下职责：

* Explore ideas and work on projects that intrigue them based on their expertise and personal quest for curiosity and excellence;
* 探索新思维，基于自身专长、个人志趣与求索心，从事能够引发浓厚兴趣的项目；
* Hold presentations and public lectures to Tsinghua students and partner institutions across China, about the overall Mentors in Residence experience at iCenter and currently active projects;
* 为清华学生、兄弟院校开展公开演讲或讲座，介绍驻校创客导师总体情况及正在从事的项目；
* Provide mentorship based on courses of innovation track in Tsinghua University;
* 与清华大学创意创新创业类课程结合，提供课程指导；
* Be part of an official Mentorship program allowing students on campus to book time for questions, project demos and tutoring time on challenges students encounter;
* 安排专门的答疑时间供清华学生预约，询问问题、展示学生作品、指导学生应对遇到的挑战；
* Be an active media and digital ambassador for the projects and effort the iCenter and Tsinghua makes to achieve a vibrant and creative learning environment for our students.
* 活跃于媒体、在线社区等，以大使身份宣传驻校创客导师计划，为学生建立一个活跃的创意学习环境；
* Review activities held by members of Maker Educational Base Alliance and discuss with Tsinghua about whether to attend. The cost and compensations incurred during these activities will be discussed between mentors and the inviter.
* 了解创客教育基地联盟成员策划的活动，并与清华探讨是否及如何参与活动。参与活动的费用及酬劳事宜由邀请单位与创客导师商定。

1. **项目相关方**

驻校创客导师项目服务于如下几类人士：

* **Students** - by allowing them to interact with some of the world's most creative minds, we expand our students' worldview, critical thinking, and better career paths.
* **学生** – 为学生提供与国际最具创造力的人士进行交流互动的机会，项目帮助学生拓展国际视野、训练批判性思维，并探索一个更好的职业发展路线。
* **Staff and Professors** - our teaching and research professors can test and explore new ways to interact with students or ask mentors in residence feedback and review of their work.
* **教师员工** – 清华教师员工可以尝试并探索与学生互动的新方式，并与驻校创客导师探讨教学工作。
* **Industry partners** - private and public institutions can visit the iCenter and hold a workshop or presentation about their work, asking Mentors in Residence to help with ideas, general product design, and sharing their perspective and expertise.
* **产业合作伙伴** – 各类研究机构、产业组织、企业可以与iCenter联合举办活动，并与驻校创客导师交流、探讨创意、改进产品设计、分享经验。

1. **导师配套条件与福利**

为了确保驻校创客导师项目实现我们提出的目标，我们需要建立一套基本运行架构，支持导师在清华期间生活愉快舒适，工作高效。

我们建议为导师提供如下便利：

* **住宿** – 项目参与导师合住的空间，每位导师拥有独立卧室。建议未来开辟专为驻校创客导师居住生活的专有空间，便于导师与学生进行社交，分享项目，探讨问题。在清华大学附近提供该空间将为导师提供极大便利，或安排在与清华间交通便利的地方。
* **工位** – 专属的工位，配备高速互联网。并给予使用iCenter开放工作室等条件的权限。协助联络学校其他相关教师的实验室或工作室资源。
* **本地移动电话** – 一个本地的电话卡，并具有4G高速无线网络连接。
* **清华邮箱及校园网账号** – 以@tsinghua.edu.cn结尾的清华邮箱，及清华校园网账号。
* **往返北京的交通** - 常住地一次往返北京的旅费；
* **北京交通卡** – 导师抵达北京时，可获得一张预存50元的北京交通卡。
* **材料购置预算** – 可以定期购买材料、元器件等用于驻校创客导师项目的开发、实验用品的预算。
* **餐卡** – 可以在学校教工、学生食堂使用的餐卡
* **Health and fitness guide** - a stipend which may be used for buying a pass to Tsinghua University's gym and sport facilities.
* **健康与健身补助** – 使用清华大学健身房、游泳馆等健身运动设施的补助（米奇提出伊利诺伊大学邀请他做驻校创客时对方就提供过校园健身房的预付卡）

1. **法律架构**

所有驻校创客导师项目参与者将按照访问学者（外专）身份进行管理。全部驻校期间并需与iCenter签订劳务合同。

The following legal documents are required from the applicants to complete the contract procedure and become official Mentors in Residence at Tsinghua University:

正式成为清华驻校创客导师，需提供如下法律文本，签订正式劳务合同：

1. **个人身份证件** – 国内导师提供有效的个人身份证、海外导师提供在有效内的护照。
2. **Resume** - A brief introduction to one's specialties and proficiency of being a Mentor in Residence
3. **个人简历** – 一份简要介绍个人专长，成为驻校创客导师资质的简历。
4. **在华工作资质认证** – 在华期间的相关工作经历证明。
5. **Approval of Employment** - If one has an existing employer, he/she must provide a document of approval by the employer on working with Tsinghua (NOT REQUIRED if one is not employed by a third party during mentorship in Tsinghua).
6. **雇用许可证明** – 已有用人单位的，提供雇用单位开具的与清华签订劳务合同的许可，无用人单位的无需许可。
7. **个人健康证明**
8. **在华无犯罪记录**
9. **项目推广与常设活动**

为了保证驻校创客项目的透明性与责任感，并进一步推广本项目，需要一套能够让导师、项目团队、学生、公众，以及其他相关方了解项目进展的机制。

在此举例，未来可不断设计新的方式：

**1. iCenter每周导师工作坊** – 邀请所有导师、学生、项目团队、公众参与的项目展示、科技交流、畅谈会等。

**2. 每月的项目成果展示会** – 每月举办活动，弘扬创客文化、展示最新开源技术、展示驻校创客导师参与项目的成果、并分享其他精彩的新技、新创意、校园新活动等。

**3. 驻校创客导师维基页面** – 每一位驻校创客导师拥有专属的维基页面，记录项目进度、项目成果、课程、出访兄弟院校、相关媒体报道等。