

# 與設計同行

北京理工大学设计与艺术学院建院三十周年（1984-2014）

主编 杨建明

WALKING WITH DESIGN 1984-2014  
30TH ANNIVERSARY OF SCHOOL OF DESIGN & ARTS, BIT  
EDITOR-IN-CHIEF YANG JIANMING



北京理工大学出版社  
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## 内 容 简 介

本书为北京理工大学设计与艺术学院建院 30 周年以来的历史回顾与总结,主要分为学院概述、学院纪事、教师名录、系部设置、研究机构、学生名录、优秀毕业生等几个部分,其中“学院纪事”以时间为顺序,记录建院至今的点点滴滴;“教师名录”记载历任教师、历任领导以及在职教职工的名单;“系部设置”包括现任教师的介绍和部分作品以及研究成果;“研究机构”包括各类型实验室和研究中心;“学生名录”记载历届本科生、研究生(硕士、博士)名单;“优秀毕业生”则记录在各领域取得突出成就、在业界较有影响的部分毕业生代表,以及他们的介绍和研究成果。

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# 序一：殊途同归

柳冠中 清华大学美术学院责任教授

30年前，随着改革开放的深化，国外的产品迅速占领了我国市场，对日用品生产企业形成了强烈的冲击。而当时中国设计领域还是由传统的工艺美术观念主导着，工业设计的思想迫切需要得到传播与推广。于是，工业设计专业在全国少数几所高校率先成立，北京理工大学（当时称为北京工业学院）和清华大学美术学院（当时称为中央工艺美术学院）同列其中。

30年后的今天，我们面临类似的境况。虽然中国已经成为制造业大国，商品出口居世界前列，但是由于企业创新能力的不足，缺乏核心竞争力，所以往往只能依靠模仿和压低价格来获得竞争的优势。这样的结果，就是消耗大量的资源，获取很小的利润。明显，这不利于国家的可持续发展。

30年前，开办了工业设计专业的院校条件非常有限。缺少实验室、工作间和相应的设备；受过专业培训的教师也很缺乏。更重要的是不被社会理解，不被学校其他学科理解。北京理工大学属于理工类院校，中央工艺美术学院属于美术院校，对于新出现的边缘学科“工业设计”都表现出了“轻视”的态度。在中央工艺美院，我们常常需要和传统的工艺美术观念争论；而在北京理工大学，则需要和自然科学主导的环境不断沟通，争取理解。

30年后的今天，高等院校对工业设计也比以前更加重视，已有几百所院校开设了工业设计专业。而且，“发展工业设计”已经具有了国家战略层面的举措和意义。可以说，工业设计渐渐从社会的边缘，走向舞台中央。经过多年的努力，北京理工大学的工业设计，已经由一个系发展为一个学院；而当年的中央工艺美术学院，成为清华大学美术学院。现在，设计界已经不再纠结于“设计”是属于科学，还是属于艺术。创新，成为整个设计领域共同的追求。

30年前，我们分别走了不同的道路，然而我们的目标是相同的。为工业设计的推广与发展，我们都做出了很大的贡献。

30年后，不管未来走的道路是否相同，希望我们为了共同的目标——将“制造大国”转变为“创造大国”，携手前行！

祝愿我国的工业设计学科和工业设计教育事业，伴随着我国的经济转型升级，成为实现中国梦的中坚力量！

2014年10月25日

## Preface 1:

# Two Ways Converge

**Liu Guanzhong**

Leading Professor of the Academy of Art and Design, Tsinghua University

30 years ago, foreign products quickly occupied the market in our country along with the deepening of reform and opening up which caused a great shock to the commodity manufacturers. At that time, Chinese field of design was dominated by the traditional concept of arts and crafts. The ideas of the industrial design were urgently needed to be promoted. Therefore, Beijing Institute of Technology and Tsinghua University's Academy of Art and Design (Then Central Academy of Arts&Crafts) were among the first universities who opened up the major of industrial design.

30 years later, we face a similar situation. Although China has become a manufacturing power with a commodity export ranking among the top of the world, we can only rely on imitation and lowering prices to gain a competitive advantage because of insufficiency of the enterprise innovation ability and the lack of core competitiveness. As a result, we have consumed large amounts of resources with a small profit which is obviously not conducive to the sustainable development of the country.

30 years ago, there were limited resources for opening the major of Industrial Design among colleges and universities. They lacked laboratories, workshops, the corresponding equipments and well-trained teachers. More importantly, we could not get the society and peers understanding of other disciplines. Beijing Institute of Technology is a university of science and engineering while the then Central Academy of Arts&crafts was an art academy. The new interdisciplinary science of Industrial Design was an object of contempt. In the Central Academy of Arts and crafts, we often needed to argue about the traditional concept of Arts and Crafts; While in Beijing Institute of Technology, we needed to continue to communicate and strive for the understanding under the environment dominated by natural science.

30 years later, advanced institutions have paid much more attention to Industrial Design than before. There have been hundreds of colleges and universities who open the major of

Industrial Design. Moreover, “The Development of Industrial Design” has been of national strategic significance. The . Industrial Design has gradually walked to the central stage from the edge of the society. After years of efforts, the Department of Industrial Design in Beijing Institute of Technology has developed into a school And Central Academy of Arts and Crafts has, become Academy of Arts and Design in Tsinghua University. Now, the field of design has no longer struggled with whether “design” is a science or art. Innovation has become the common pursuit in the design field.

30 years ago, we walked on different paths respectively. However, our goal is the same. We have made a great contribution to the promotion and development of Industrial Design.

30 years later, regardless of the future path we take, I hope we can move forward hand in hand for the common goal—transforming “a manufacturing power” to “a creative nation” !

Wish the discipline of industrial design and industrial design education in China become the backbone of realization of Chinese dream along with our country’ s economic transformation and upgrading ,

October 25, 2014

# 序二：与设计同行

杨建明 北京理工大学设计与艺术学院院长

奥地利著名作家斯蒂芬·茨威格在谈到历史时曾这样说过：尽管歌德曾怀着敬意把历史称为“上帝的神秘作坊”，但在这个作坊里发生的，却是许多数不胜数无关紧要和习以为常的事……这个作坊通常只是作为编年史家，冷漠而又持之以恒地把一件一件的事实当作一个又一个的环节连成一个长达数千年的链条，因为所有那些最重要的历史性时刻都需要有酝酿的时间，每一桩真正的事件都需要有一个发展过程。

今天，我们这本专辑里所汇集的一切，并没有什么惊天动地的大事件，有的只是历任教师们数不清的日常普通生活和工作的痕迹。然而，这些却又都记录了我们这个集体的先行者和后来人，怀揣发展中国设计事业的理想，开垦“北理设计”这块土地，经过多年的耕耘结出的一份慰藉心灵的果实。

可以说，北京理工大学一直伴随着新中国的创立和发展而成长，从1939年，为了促进陕甘宁边区工业生产和保证革命胜利，中共中央决定在延安创办自然科学研究院开始，到1988年逐步发展成为理、工、管、文相结合的综合性大学。包括三十年前，为了适应中国国防工业和经济建设发展所成立的工业设计系，无不是在紧随新中国的变革而担当使命，并且也总是涌现出一批又一批默默奉献的拓荒者和建设者。

当然，对于中国设计，乃至世界设计而言，设计与艺术学院30年的发展也许微不足道，但是，这个集体所做的一件一件关于“设计”这样一个主题的点点滴滴，却是构成设计领域，尤其是设计教育发展链条中一些不可或缺的环节，一些生动鲜活的局部。回顾以往，也就是这样一个集体，与当时仅有的两所理工科高校同时成立工业设计专业的同仁们，和一些设计界的前辈们一起，举起了发展中国现代工业设计的大旗，共同探索打造工业设计教育雏形，构想未来发展蓝图……可以说，这成为中国工业设计迈出的重要一步，填补了中国工业设计教育的历史空白。



如果说历史的巧合赋予了学院以重任和发展的机遇，那么，后期发展则更多的是靠同仁们的支持与协作。2002年，在新的文化形势和教育改革背景之下，我们确定在工业设计专业基础上，成立了设计艺术学院，并于2009年，正式更名为北京理工大学设计与艺术学院。在这个过程中，逐渐明确了建设以传统文化艺术与设计相互交融、设计学与美术学相互促进的教学体系。在艺术实践和科学研究的基础上，以设计创作、科研促进人才培养水平的不断提高。经过12年的努力，发展为六系一部，除了设计学科的发展，美术学一级学科也正在建设之中。此外，装备设计研究中心、交互实验室、汽车实验室、媒体实验室、模型加工制作等实验室相继成立，为人才培养的开展提供了较好的硬件教学条件支持。2012年，我院工业设计专业被评为工业和信息化部部级重点专业。

无疑，在今天这样一个经济全球化、资讯国际化的背景下，我们面临着一个共同的课题，就是如何在国际上呈现中国人自己的文化创造力。面对这样的课题，教育无疑担当着重要的使命，所以，我们紧遵北京理工大学校训“德以明理、学以精工”，依托北京理工大学雄厚的工科背景，以工业设计为主干，学科交叉特色发展，始终不渝地致力于设计教育改革与探索，以提升设计的人文内涵与审美旨趣为取向，始终保持对学科前沿的关注，不断积淀、创新专业内涵，逐渐探索着一条国际性的、体现文化自觉、理性与艺术并存发展、适合自身特色的人才培养路径。

北京理工大学设计与艺术学院30年的成长，离不开前辈们的辛勤耕耘，离不开诸位同仁的大力协作与努力，更离不开走向社会的广大校友们对人生与事业的深耕和对母校的理解与支持。我们是一个集体，我们是一个大的团队，我们既要自豪地收获今天所取得的成绩与成果，同时也要不妄自尊大、也不妄自菲薄地做好总结，以期待我们今后的事业取得不断的进步，为实现中国设计事业的腾飞，乃至中国文化的复兴添砖加瓦。

期待未来，期待我们。

2014年11月

## Preface 2:

# Walking With Design

**Yang Jianming**

Dean of School of Design and Arts, BIT

Famous Austrian writer Stefan Zweig once said when it comes to history: though Goethe considers history with respect as the “God's mysterious mills” , but in this workshop, many are irrelevant and become habit... This workshop works as chroniclers, considering one thing and another as a chain of thousands of years with indifference and persistence. All the most important historic moment requires brewing time, because each event needs to have a development process.

Today, there are no earthshaking events in this album that we compile together. There is only a description of teachers' countless record of ordinary daily life and work. However, this is a record of our school's pioneers and later successors cultivating the land of “Design by BIT” with the ideal of developing Chinese designing. The fruits are grown after several years of cultivation.

That is to say, Beijing Institute of Technology has grown up with the founding and development of new China. In 1939, the Central Committee of the Communist Party of China decided to establish natural science research institute in Yan'an in order to promote the Shanganning border region's industrial production and guarantee the success of revolution. It gradually develops into a comprehensive university with the combination of science, engineering, management and arts. Thirty years ago, the discipline of Industrial Design was established in order to adapt to China's national defense industry and economic construction and development with Groups of pioneers and builders dedicating themselves to the development of a new China.

The development of the School of Design and Art in recent 30 years is small compared to that of the design in China and the whole world. However, the school has contributed a small bit to the development of designing which comprise some indispensable link or vital part in the chain of design education. Reviewing the past, it was this group that advocated developing modern industrial design with the industrial design colleagues in a few science and engineering universities who set up this major.

They jointly explore to build a prototype of Industrial Design education and design a blueprint for the future development with some of the design predecessors... In fact, it became an important step in China's Industrial Design, filling the gap of the Industrial Design education history in China.

If the historic coincidence provides the development opportunity for our school, today's development is the result of relying on the colleagues' support and cooperation. In 2002, under the new cultural situation and background of education reform, we decided to set up the School of Arts based on the major of Industrial Design. In 2009, it was officially changed to its current name: School of Design and Arts in BIT.

In this process, the idea of constructing teaching system has been clear with the combination of Traditional Culture, Art and Design, and the promotion of Design and Fine Arts. Art Design and production are used to motivate personnel training on the basis of the artistic practice and scientific research. After 12 years of hard working, we have established six departments and one project. In addition to the development of first level design, fine arts discipline is also under construction. In addition, the Equipment Design Research Center, Interaction Design Research Center Laboratory, Vehicle Laboratory, Media Lab and Model Making Laboratory are set up successively to provide good teaching conditions with hardware support or the development of talent training. In 2012, the department of Industrial Design was named as the key major of Ministry of Industry and Information Technology.

There is no doubt that we face a common project under today's background of economic globalization and the internationalization of information. That is how to present the Chinese own cultural creativity to the whole world. In the face of such subject, education plays an important mission. Therefore, we obey the motto of BIT "Developing Virtues for Seeking Truth, Pursuing Study for Perfecting Practice", relying on BIT's strong engineering background. We are unswervingly

committed to the design education reform and exploration with industrial design as the base and interdisciplinary development as a characteristic, enhancing the humanistic connotation and aesthetic purport as orientation in the design field. We will keep the attention to academic frontiers. We will constantly accumulate and innovate professional connotation, exploring an international personnel training path suitable for their own characteristics, reflecting cultural consciousness, rationality and artistic development.

The thirty years of development of School of Design and Art in BIT is the common effort of pioneers and peer colleagues' cooperation and even the large groups of alumni's responsibility for themselves and the understanding and support to the alma mater and collective. We are a big team. We are proud to harvest today's achievements and results and draw lessons from the past. We are looking forward to our future career to make constant progress for our undertaking and realize the booming of Chinese design and the revival of Chinese culture.

We are looking forward to build bright future with our efforts.

November 2014

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# 目 录

## Contents

序一：殊途同归 柳冠中

Preface 1: Two Ways Converge  
Liu Guanzhong

序二：与设计同行 杨建明

Preface 2: Walking With Design  
Yang Jianming

001	学院概述	112	现任专业教师
	About the School		Academic Staff
003	学院概述	113	现任研究生导师
	About the School		Graduate Supervisors
008	机构设置	114	外籍客座教授
	School Settings		Foreign Visiting Professors
		115	国内客座教授
			Domestic Visiting Professors
009	学院纪事		
	History		
105	教师名录	117	系部设置
	Teacher List		Departments
107	历任教职工	119	工业设计系
	Working and Retired		Industrial Design
	Faculty and Staff		Department
108	历任领导	174	环境艺术设计系
	Successive Deans		Environmental Design
110	现任领导		Department
	Current Dean and Vice-Deans	194	视觉传达设计系
110	现任行政人员		Visual Communication
	Administrative Staff		Design Department

206	文化遗产系 Cultural Heritage Department
227	传统工艺美术系 Traditional Arts & Crafts Department
238	造型艺术系 Fine Arts Department
250	艺术理论研究部 Art Theory Research Institute
265	研究机构 Research Institutions
267	设计艺术综合实验室 Comprehensive Lab of Design Art
269	防务装备设计研究中心 Defense Equipment Design Research Center
270	人因工程与交互设计实验室 Lab of Human Factors Engineering and Interaction Design
270	车辆造型设计实验室 Lab of Vehicle Design
271	数字交互设计实验室 Lab of Digital Interaction Design

273	学生名录 Students List
275	本科生 Undergraduates
292	硕士研究生 Master Candidates
305	博士研究生 Doctor candidates
307	优秀毕业生 Excellent Alumni

后记 Afterword
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# 学院概述

1. 学院概述
2. 机构设置



1101  
1102  
1103  
1104  
1105  
1106  
1108  
1109  
1110  
1112

设计研究  
造型艺术  
设计研究  
设计专业  
图书馆  
学院办  
副院长办  
学生工作办  
设计专业

1113  
1114  
1115  
1116

研究生专业  
视觉传达  
交互设计实  
PC  
会计  
交互艺术实  
副院长办