光电子·中国 博览会
PHOTONICS CHINA EXPO

光电子中国博览会 2016
Photonics China 2016

展后分析报告

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光电子·中国（Photonics China）博览会圆满落幕

2016 Photonics China Expo Report

2016年5月9日-11日，由中国光学工程学会、中国高科技产业化研究会、美国光学学会和国际光学工程学会联合主办的2016年中国（北京）国际高新技术交流展洽会暨2016年光电子·中国（Photonics China 2016）博览会，在北京国家会议中心成功举办。

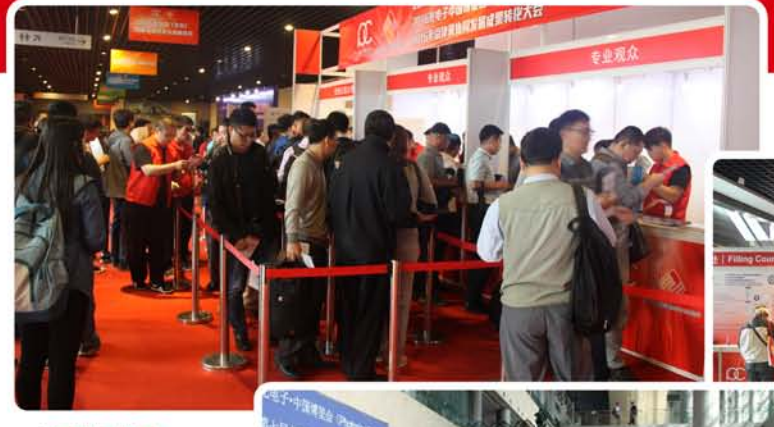
9th -11th May, 2016, Chinese Society for Optical Engineering and China High tech Industrialization Association hold 2016 China (Beijing) International High-tech Exchange Fair and 2016 Photonics China Expo in China National Convention Center, Beijing.

大会以此为主题，积极响应国家号召，重点开展军民融合与校企合作工作，聚焦工业4.0与智能制造，促进成果转化和项目对接，助推国家创新驱动发展战略。旨在产品展示与项目对接一体化，学术交流与成果转化一体化，突出科技创新服务、紧扣新兴产业、促进高新成果洽谈对接、搭建产学研合作最实用平台。

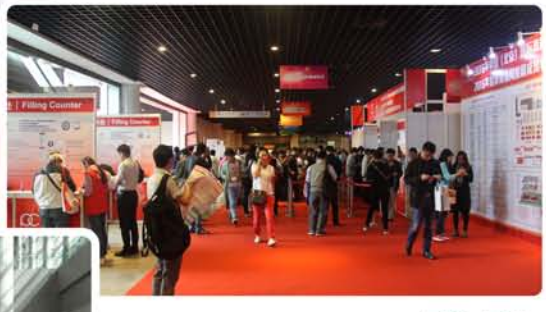
本次活动是在中国科学院和中国工程院院士牵引下组织召开的，专注于成果转化和项目对接。

This event focus on civil-military integration and school-enterprise cooperation work and Intelligent Manufacturing Industry 4.0, and pushes forward technologies to industry, and boost national innovation-driven development strategy.

Supported by academicians from Chinese Academy of Sciences and Chinese Academy of Engineering, The event focuses on technology transfer and project docking.



▲展馆全景



▲展览现场

参会报到

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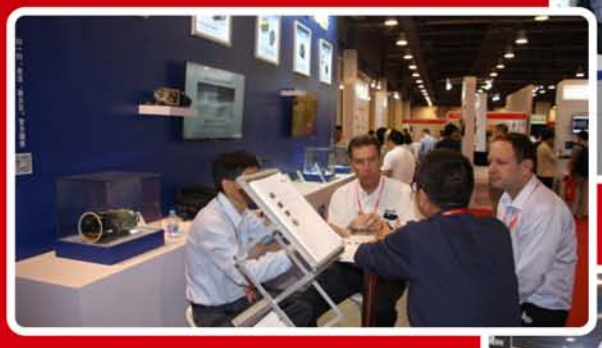
800余家知名光电企业参与此次盛会。设立光谱中国展区、中国Libs展区等专业展区。

More than 800 exhibitors and more than 10 thousand visitors attend the event. This times organizing committee set up Spectral China, Libs, Laser manufacturing, Infrared and Low Level Light, Optical instruments, Machine Vision, Optical communication and Optical Fiber. And this event occupies 25，000 square meters.



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精彩活动/Activities

中国光学工程学会颁奖仪式
CSOE Award Ceremony

第二届“2016年中国光学工程学会科技创新奖”，首届“2016 年中国光学工程学会光学工程学科全国优秀博士学位论文评选”，首届“2016年中国光学工程学会金国藩青年科技创新奖”在5月10日盛大举行。

"The second 2016 Chinese Society for Optical Engineering Innovation Award", "The first Chinese Society for Optical Engineering National Excellent PhD Thesis Award" and "The first 2016 Chinese Society for Optical Engineering Jin Guofan Youth Science and Technology Innovation Award" are held on 10th May 10.

第二届“中国光学工程学会科技创新奖”在各方的支持和参与下，经过几个月的征集和多轮严格评审，终于评审出“中国光学工程学会创新技术奖”11 项和“中国光学工程学会创新产品奖”6 项。其中，技术奖一等奖 2 项、二等奖 4 项、三等奖 5 项；产品奖一等奖 2 项、二等奖 2 项、三等奖 2 项。

With the support and participation from all parties, after several months of collection and several rounds of rigorous evaluation, there are 11 winners of "The second 2016 Chinese Society for Optical Engineering Innovation Technology Award", 6 winners of " The second 2016 China Society for Optical Engineering Technology Innovation Products Award".

2016年中国光学工程学会首届光学工程学科全国优秀博士学位论文评选，经过学位授予单位推荐、学会理事会专家推荐，办公室初评、同行专家通讯评议、专家复审四个阶段，共评选出优秀博士论文 3 篇，优秀博士论文提名3篇。

There are 3 winners of "The first Chinese Society for Optical Engineering National Excellent PhD Thesis Award" and 3 nominators

2016年度中国光学工程学会首届“金国藩青年科技创新获奖”旨在激励我国光学工程领域青年科技人员勇于创新、锐意进取，表彰和培养光学科技前沿的青年领军学术人才，共同促进我国光学工程事业的蓬勃发展。

"The first 2016 Chinese Society for Optical Engineering Jin Guofan Youth Science and Technology Innovation Award" aims to motivate young scientists in the field of optical engineering to forge ahead and cultivate young forefront of optical science and technology and jointly promote the vigorous development of China's optical engineering career.

国际光电技术与应用系列创新研讨会（OTA 2016）
International Symposium on Optoelectronic Technology and Application

2016年是国家“十三五”的启动年，由中国光学工程学会、中国高科技产业化研究会主办，国际光学工程学会(SPIE)、美国光学学会(OSA）技术主办的国际光电技术与应用系列创新研讨会(OTA 2016），积极搭建“产学研一体化发展”大平台，打造国际大型光电盛会。学术交流和成果转化一体化，真正把国际热点技术、最新技术成果引入中国。云集国际专家级研发团队、国内高校、中科院及工业部门研究所、国防单位及行业企业，注重光学技术工程应用。紧扣“十三五”发展方向，开展光电技术领域交流。聚焦协同创新，推动光电技术跨越式发展。

The International Symposium on Optoelectronic Technology and Application（OTA 2016）serves as good platforms for the members of photoelectronic technology community to meet with each other and to exchange ideas. The conference will bring together leading researchers, engineers and scientists in the domain of interest from around the world.

此次盛会有国内外光电领域的1000余人参会，其中包括：科学家，教授，技术人员，知名企业家和学生。还邀请到100余位外国专家来华参加会议。

The conference attracts more than 1,000 participants, including: scientists, professors, technicians, well-known entrepreneurs and students. Organizing committee Also invites more than 100 foreign experts to attend the meeting.

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同期还举办了产业发展论坛、产业技术研讨、高端沙龙、项目对接等多层次的产业化活动，为各院校、科研机构、以及产业界提供一个良好的平台，进一步促进了光电技术及产业化的发展。

At the same period also holds industry forums, industry technical seminars, high-end salons, project docking and other multi-level industrial activities to provide a good platform for the universities, research institutions, and industry, to further promote the photoelectric technology and industrialization development.

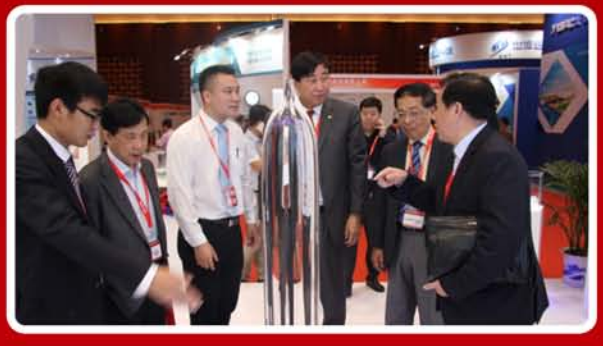
分专题包括：国际高功率激光技术与高能激光应用研讨会、国际激光先进制造技术及应用研讨会、国际先进光学系统设计与制造及应用研讨会、国际光学检测技术及仪器研讨会、国际机器人先进感知与智能控制技术研讨会、国际天文望远镜与仪器研讨会、国际大数据光存储技术研讨会、国际高光谱遥感应用研讨会、国际硅基光电子与集成研讨会、国际红外技术与应用研讨会、国际环境监测与安全检测技术及应用研讨会。

Sub-conference includes:High power lasers and high energy lasers,Laser manufacturing and laser detection technology,3D printing technology,Advanced optical design and manufacturing technologies,Optical Measurement Technology and Instrument,Robot Sensing and Advanced Control, Astronomical Telescopes and Instrumentation, Optical Data Storage, Hyperspectral Remote Sensing Applications, silicon-based photonic integration, Infrared technology and application, Environmental Monitoring and Safety Testing Technology, Optical Fiber Sensors Technology and Applications, Opticalcommunication and optical network

百所高校、重点实验室技术成果展示对接会
College and Key Laboratories' Achievements Exhibition

为了更好地展示高校、重点实验室的创新技术成果，大会整合业内技术、人才、信息等资源，举办了百所高校、重点实验室技术成果展示对接会，邀请众多中外创新型重点实验室参展，展示高校、重点实验室的创新技术成果，突出高校、重点实验室研发原创性重点科研项目的能力，推进高水平基础研究和高技术科学研究，促进我国高科技成果转化，共同打造高校·重点实验室创新技术交流平台。

大量企业与科技产业园区都来到现场与创新重点实验室沟通成果转化与对接工作。校企双方以大家都感兴趣的新产品、新技术为切入点，实现资源共享、优势互补、互利双赢、共同发展。



In order to demonstrate innovation and technological achievements of University, Key Laboratories and the integration of industry technology, organizing committee invites a large number of industrial parks to come to the scene to communicate with these universities and key labs.

中国光学工程学会助推创新驱动助力工程——项目洽谈大会暨签约仪式，地方科协与学会项目对接会

Promote "Innovation Assistance Project" and Projects matchmaking Conference aamong CSOE and Regional Associations

纪念光纤发明50周年大会
"50 Anniversary of the Invention of Optical Fiber" Conference

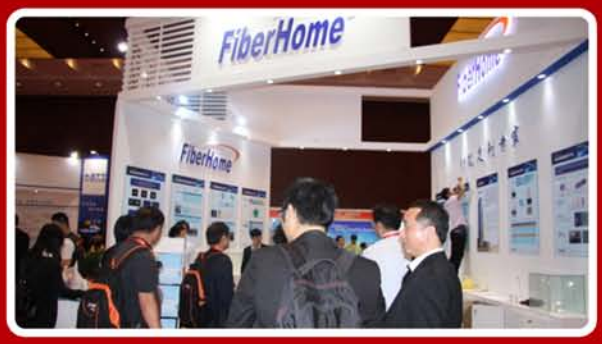
光纤通信系统是现代互联网时代的核心支撑系统之一。1966年，高锟先生开创性地提出了利用石英玻璃制作光学纤维（简称光纤）并在通信上应用的基本原理。2015年光通信行业持续景气，光纤光缆需求依然旺盛，中国信息通信研究院发布了2016年信息通信业十大趋势，表明中国或成全球最大"光纤国家"。

Optical fiber communication system is one of the core support system of modern Internet era. In 1966, Mr. Gao Kun put forward the innovative use of the basic principles of the production of quartz glass optical fiber (referred to as an optical fiber). 2015 annual optical communications industry continues to boom, and optical fiber and cable demand is still strong. Chinese Information and Telecommunications Research Institute released that China is the world's largest "national optical fiber." Based on the research of 2016 top ten trends in information and communication industry.

纪念光纤发明50周年大会邀请武汉邮电科学院赵梓森院士、中国工程院邬贺铨院士、武汉理工大学姜德生院士、北京航天控制仪器研究所王巍院士、武汉邮电科学研究院余少华院士、清华大学廖延彪教授、中国电信集团公司韦乐平总工、华为有限公司刘翔博士等国内外知名院士、专家学者、行业先锋齐聚北京，共同回顾总结光纤通信的光辉历程与丰硕成果，介绍国内外的发展现状及未来趋势，深入探讨前沿技术、发展战略、促进产学研各方交流合作。

Organizing committee invites academician Zhao Zisen from Wuhan Research Institute of Posts and Telecommunications, academician Wu Hequan from Chinese Academy of

Engineering, academician Jiang Desheng from Wuhan University of Technology, Academician Wang Wei from Beijing Aerospace Control Instrument Research Institute, Academician Yu Shaohua from Fiber Home Group, Professor Liao Yanbiao from Tsinghua University and other well-known academicians, experts, scholars, industry pioneers gathered in Beijing to jointly reviewed glorious history and great achievements of optical fiber communication, to present current development situation and future trends, and promote exchanges and cooperation between the parties and research.



纪念光纤发明50周年技术成果专题展

"50 Anniversary of the Invention of Optical Fiber" Achievements Exhibition

第五届中国（北京）国际光纤传感技术及应用大会

The 5th China (Beijing) International Symposium of Optical Fiber Sensors Technology and Applications

中国光学工程学会光纤传感技术专家工作委员会、中国光纤传感技术及产业创新联盟组织召开2016年年会“第五届中国（北京）国际光纤传感技术及应用大会暨展洽会”，除了前沿学术研讨，还围绕当前光纤传感技术和产业化中存在的问题，邀请重量级嘉宾，以“对话”的形式，探索行业发展模式、梳理行业共存难题的解决思路，并将围绕智能电网等应用领域，展开研讨和需求对接。400多位代表参会，220多家相关企业及高校参与，搭建国内该领域的产学研合作平台。

2016 Annual Meeting of the " 5th China (Beijing) International Symposium of Optical Fiber Sensors Technology and Applications" is held to discuss not only the forefront of academic research, but also around the current problem of optical fiber sensing technology and industrialization. Organizing committee invites noted guests in the form of "dialogue" to explore the development of the industry pattern, and discuss and demand docking. More than 400 representatives of participants, more than 220 related enterprises and colleges and universities participate to build domestic platform for research cooperation in this field.

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2016年虚拟现实技术创新及产业发展论坛

2016 China Virtual Reality Technology and Industry Development Forum

2016年被视为虚拟现实爆发元年，根据预测，到2020年虚拟现实行业的市场规模将达到300亿美元。2016年虚拟现实技术创新及产业发展论坛9日成功举行，这次主题为“跨越奇点、遇见未来”的VR峰会，汇聚了国内15位技术带头人，以及20多位不同领域的VR企业领袖代表。

这次活动是VR技术泰斗中国工程院院士赵沁平、北京大学信息科学技术学院副院长查红彬、航天系统仿真重点实验室熊新平教授、清华大学信息科学与技术国家实验室戴琼海教授、北京理工大学光电技术学院谭小地教授、教育部虚拟现实应用工程研究中心主任周明全等中国VR学科相关带头人在公开场合的首次碰撞。

2016 is considered as the first year of the outbreak of virtual reality. According to forecasts, by 2020 the virtual reality industry market size will reach $ 30 billion. 2016 China Virtual Reality Technology and Industry Development Forum was successfully held on the 9th, which is the theme of "crossing singularities, met the future". Organizing comiitee brought together 15 national technology leaders, and more than 20 different areas of VR Business Leaders representative.VR leading scientist Academician Zhao Qinping, Prof. Zha Hongbin from Peking University, Professor Dai Qionghai from Tsinghua University, Professor Tan Xiaodi from Beijing Institute of Technologyy, Ren Zhouming from the Ministry of Education virtual reality application Engineering Research Center, attend the forum and have dialogue with other guests.

2016中国虚拟现实与3D成像显示技术、设备展览会

2016 China Virtual Reality and 3D imaging Display Technology and Equipment Exhibition

2016中国虚拟现实与3D成像显示技术、设备展览会上，行业领先的3D成像与显示产品、VR\AR技术与产品悉数亮相，一场前所未有的全新视觉体验精彩上演。

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2016 China Virtual Reality and 3D imaging Display Technology and Equipment Exhibition presents industry-leading 3D imaging and display products, VR \ AR technologies and products, an unprecedented new visual experience splendid performance.

创新创业与投融资对接大会
Innovation and Investment Matchmaking Conference

创新创业与投融资对接大会为众多的投融资机构搭建与优质项目对接的桥梁，项目方和政府有关部门、各产业园区、投资方直接接触对接，专门为投资机构与高端创业者提供交流机会，促进双方合作达成投资及合作意向。

Innovation and Investment Matchmaking Conference builds a communication platform for quality projects for government departments, various industrial parks, investors and universities.

京津科技谷投资洽谈会
Jing-jin Technology Valley Investion Meeting

京津科技谷投资洽谈会定向邀请行业专家、重点研发机构以及行业企业参会。宣传京津科技谷开发区投资环境、解读最新优惠政策，提升园区影响力，现场促成合作。

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Directly invite industry experts, focusing on research and development institutions and industry corporate participants, and to promote its investment environment in Beijing and Tianjin Development Zone, the latest interpretation of preferential policies to enhance the influence of the park, on-site to promote cooperation.

校企合作与军民融合对接会
School-enterprise Cooperation and Civil-military Integration Matchmaking Meetings

校企合作与军民融合对接会介绍推广各科研院所、企业、高等院校的科技成果、创新产品，同时邀请国防及行业用户发布采购需求，促进相互之间项目对接、成果转移及交流合作，推动建立一批联合重点实验室和工程研究中心。进一步整合了各高校、科研院所等创新资源，促进高校科研院所的科研成果与企业成功对接，同时也为贯彻落实国务院有关科技成果转化法中，鼓励研究开发机构、高等院校、企业等创新主体及科技人员转移转化科技成果，推进经济提质增效升级的有关规定。实现学术交流与成果转化一体化，突出科技创新服务、促进高新成果洽谈对接、搭建产学研合作最实用平台。

国防工业单位与科学院所等现场发布供需信息，提供项目合作平台内容覆盖信息与光电技术、电力电气、物联网与智慧城市、无人装备与智能自动化、安防监控、新材料、新能源、节能环保等各领域，将与各企事业单位、产业园区、高新区、科技园等进行多场次的“一对一，面对面”洽谈，真正实现产学研

分为航天/军民融合项目发布专场、重点实验室开放平台合作专场、企业新品专场和国际新品新技术专场。

Divide into aerospace / military integration project release concert, Key Laboratory of special cooperation platform, the new international products and new technology promotion.

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观众分析/ Visitors Analysis

2016展商评价
Comments from 2016 Exhibitors

98% 对
展会效果非常满意
satisfied

99% 愿意
推荐合作伙伴
及同事参展
willing to
recommend
to partners
and colleagues

99% 明年会
继续参展
still attend
the show

观众来源（按性质）
Department of visitors

依据以上数据，我们得到了观众部门分类比例图：

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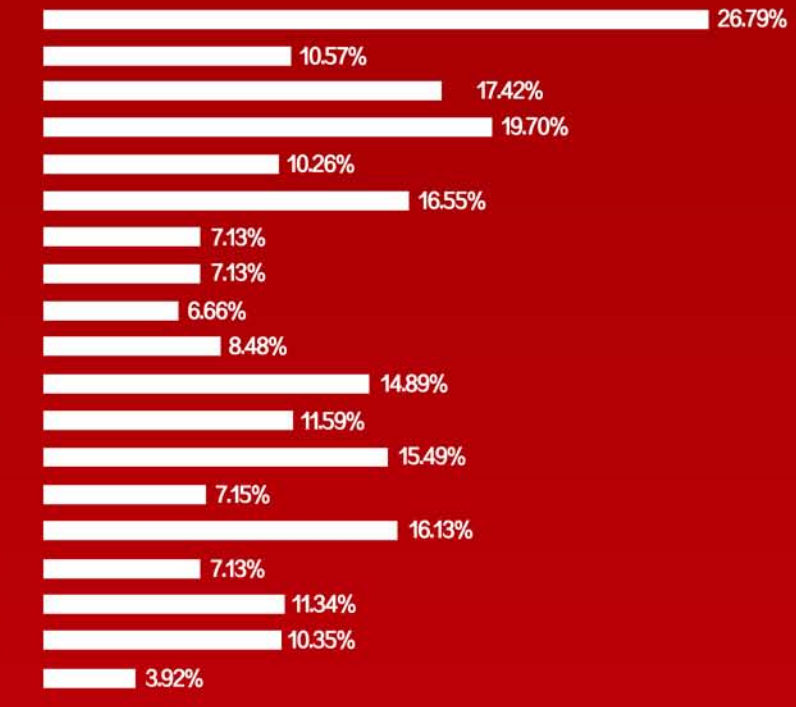
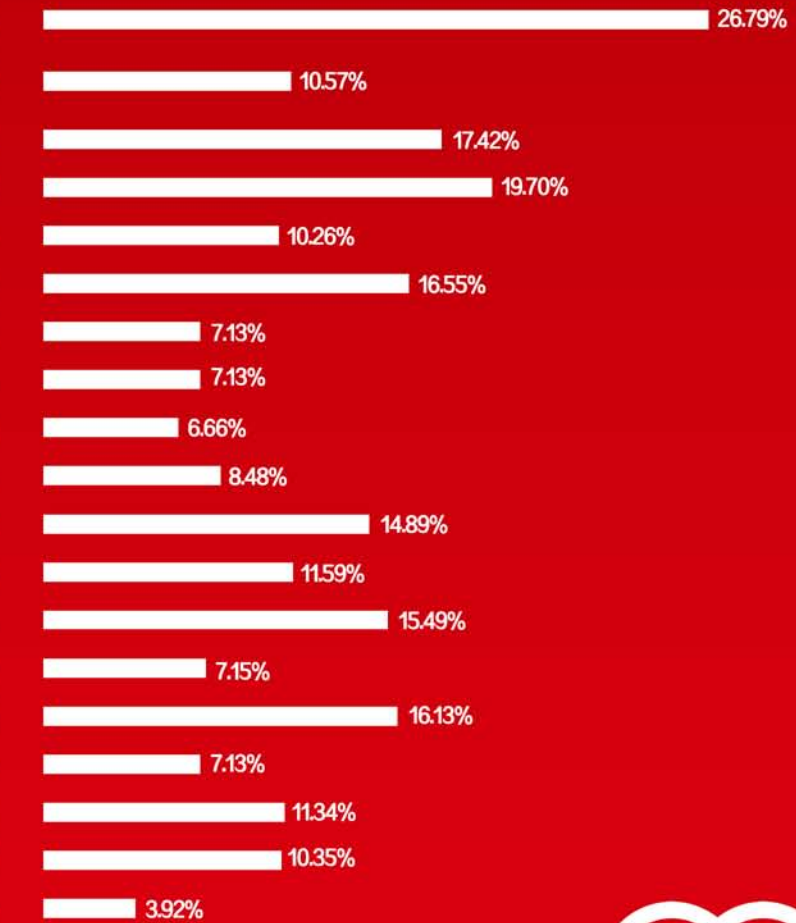
观众来源（按行业）



Industry of visitors



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