

Looking for German Optics

The starting point:

<http://www.astromeeing.de/>

German non-professional astronomy images:

<http://photomeeting.de/galleries/thelatest/>

<http://www.starpointing.com/links.html>

<http://www.spiegelteam.de/>

<http://www.astro-fotos.com/home fla.html>

<http://www.astro-fotos.com/ausruestung.html>

<http://www.stern-fan.de/Seiten/frameset.htm>

<http://www.astro-fotos.com/home fla.html>

German Telescope Sellers:

<http://www.astroshop.eu/>

<http://www.galaxyphoto.de/>

<http://darkforceastro.de/Darkforceastro.de/Home.html>

Camera equipment manufacture:

<http://www.sbig.com/>

(also part of their Corp)

<http://www.aplegen.com/>

German Telescope Makers:

Lunt:

<http://www.luntsolarsystems-by-apmtelescopes.com/content.php?catchoice1=99092&choice=99092>

(Lunt's home page)

<http://www.luntsolarsystems-by-apmtelescopes.com/content.php?catchoice1=1&choice=1>

APM with it's German manufactures:

<http://www.apm-telescopes.de/en/index.html>

(Professional)

<http://www.professional-telescopes.net/>

(Apochromatic)

http://www.apm-apo.com/main_e.htm

(Sample APO 3,995.00 EUR)

<http://www.apm-telescopes.de/en/telescopes/refracting-telescopes-ota/apochromates/apm-lzos-telescope-apo-refractor-105-650-lw.html>

(Observatory manufacturer)

<http://www.apm-siriuskuppeln.de/>

Bresser Telescopes, Germany:

<http://www.bresserstore.com/>

(and)

<http://www.bresser.com/about/aboutus.html>

Another German Telescope Seller:

<http://www.astroshop.eu/>

German Equatorial Mount:

http://www.astropix.com/HTML/I_ASTROP/MOUNTS.HTM

<http://www.astronomycameras.com/blog/archive/20130530/lunar-astrophotography-from-the-south-of-germany/>

German Mount and Fraunhofer:

http://en.wikipedia.org/wiki/Joseph_von_Fraunhofer

<http://web2009->

suche.bi.fraunhofer.de/web2009searchapp/search?numberOfResults=10&page=1&language=en&queryString=mirror&lang=en

<http://www.fraunhofer.de/en/press/research-news/2010/06/ultra-precise-optical-systems-for-space.html>

http://www.iof.fraunhofer.de/en/we-about-us/20_years_of_experience/multilayer_opticsfortheeuvlithography.html

<http://online.wsj.com/articles/behind-germanys-success-story-in-manufacturing-1401473946>

Mobile Mapping:

Leica Pegasus One Optical Mobile Mapping System:

http://www.leica-geosystems.us/en/Leica-PegasusOne_103551.htm

Leica Pegasus Two Optical Mobile Mapping System:

http://www.leica-geosystems.us/en/Leica-PegasusTwo_105371.htm

Leica Nova Optical Mobile Mapping System:

http://www.leica-geosystems.us/en/Leica-Nova_103587.htm

Leica Viva Optical Mobile Mapping System:

http://www.leica-geosystems.us/en/Leica-Viva_79268.htm

Research at universities, etc:

http://research-explorer.dfg.de/research_explorer.en.html

Fermi Dark Matter 570MB camera in Chile:

<https://www.darkenergysurvey.org/>

<http://www.darkenergysurvey.org/dark-energy-camera-mosaic/>

Fermi Video (which we saw at Fermi!)

http://www.fnal.gov/pub/presspass/press_releases/2013/DES-2013-images.html

ESO European Southern Observatory

(Germany was founding member, 10-05-1962)

<http://www.eso.org/public/>

ALMA radio scopes, Atacama Large Millimeter Array

<http://www.eso.org/public/teles-instr/alma/>

Telescope technology

<http://www.eso.org/public/teles-instr/technology/>

Very Large Telescope VLT

<http://www.eso.org/public/teles-instr/paranal/>

Our Galaxy's Black Hole photo

<http://www.eso.org/public/news/eso0330/>

ESO top 10 List

<http://www.eso.org/public/science/top10/>

Effelsberg Radio Telescope, Bad Münstereifel, district of Euskirchen, North Rhine-Westphalia, Germany

http://en.wikipedia.org/wiki/Effelsberg_100-m_Radio_Telescope

Trouble with the largest German Radio Telescope:

<http://www.scientificamerican.com/article/world-s-largest-radio-telescope-abandoned-by-germany/>

German Companies "Search" Links:

<http://www.research-in-germany.de/dachportal/en/Research-Areas-A-Z/Optical-Technologies.html>

Second German Companies "Search" Links: (search with "Optics")

http://www.sachon-exportadressbuch.de/cl/sid.php?PHPSESSID=d7a7e40a9bd68a95ea3185a836f02922&f_1_ang=eng

(list of companies)

<http://www.spectaris.de/english/members/a-z.html>

German Companies

<http://www.oceanoptics.eu/html/index.php>

<http://www.rodenstock.com/rodb2c/uk/en/index.html>

<http://www.edmundoptics.com/?&pModal=false&site=US&countryid=232>

<http://www.azooptics.com/SupplierByCountry.aspx?CountryID=80>

Leica:

<http://us.leica-camera.com/>

(Good historic photos!)

<http://us.leica-camera.com/World-of-Leica/100-years-of-Leica-photography/Leica-100-years/Iconic-photos>

Nikon GmbH:

http://www.nikon.de/de_DE/

(Microscopes and Optics)

<http://www.nikoninstruments.com/>

(Cameras)

<http://www.nikonusa.com/en/index.page>

(Sport Optics)

<http://www.nikonportoptics.com/en/index.page>

Point Grey, CCT Cameras:

<http://www.ptgrey.com>

(Point Grey camera photo shows Venus on Sun 2012)

http://www.avertedimagination.com/img_pages/transitofvenus.html

(2nd Point Grey photo shows camera used on 8" telescope)

<http://www.ptgrey.com/news/casestudies/details.asp?articleID=514>

Zeiss:

http://www.zeiss.de/corporate/de_de/home.html

http://www.zeiss.com/corporate/en_us/home.html (in English)

(Planetariums)

http://www.zeiss.com/planetariums/en_us/home.html

(Gratings)

http://www.zeiss.com/microscopy/en_us/products/gratings.html

(Spectroscopes)

http://www.zeiss.com/microscopy/en_us/products/spectrometer-modules.html

Premium Suppliers

A.KRÜSS Optronic GmbH <http://www.kruess.com/laboratory/>

Carl Zeiss Microscopy GmbH http://www.zeiss.com/microscopy/en_de/home.html

CDA GmbH <http://www.cda.de/>

Coherent (Deutschland) GmbH <http://www.coherent.de/>

DILAS Diodenlaser GmbH <http://www.coherent.de/>

Gigahertz-Optik GmbH <http://gigahertz-optik.com/>

Hamamatsu Photonics Europe <http://www.hamamatsu.com/eu/en/index.html>

Hamamatsu Photonics Europe spectrometers

<http://www.hamamatsu.com/eu/en/4016.html>

Hellma GmbH & Co. Kg <http://www.hellma.com/group/964/en/home.html>

L.O.T.-Oriol GmbH & Co. Kg <http://www.lot-oriel.com/> and <http://www.lot-qd.de/uk/en/>

SBIG cooled cameras for Astronomy <http://www.lot-qd.de/uk/en/home/cooled-ccd-cameras-astronomy/>

OWIS GmbH <http://www.owis.eu/> or <http://www.owis.eu/en/home/>

polyoptics GmbH <http://www.polyoptics.de/site/en/>

Qubig GmbH <http://www.qubig.com/>

Rofin laser <http://www.rofin.com/>

Springer - Science and Technology Publishers, Astronomy

<http://www.springer.com/astronomy?SGWID=0-123-0-0-0>

TRIOPTICS GmbH <http://www.trioptics.com/>

WITec GmbH <http://www.witec.de/>

And More German Companies!!!

3D Micromac

A.KRÜSS Optronic GmbH

Accel Instruments GmbH

Advanced Microoptic Systems [ams] GmbH

Advanced Optics Solutions GmbH

AIXTRON AG

Alltec GmbH
ALPHA LASER GmbH
ALPHALAS GmbH
AMICRA Microtechnologies
AMS Technologies
APE Angewandte Physik & Elektronik GmbH
APE GmbH
ARGES GmbH
Arges GmbH
art photonics GmbH
Artifex Engineering
ATL Lasertechnik GmbH
attocube systems AG
atumLaser
autronic-MELCHERS GmbH
B&M Optik GmbH
B&M Optik GmbH
Basler AG
Becker & Hickl GmbH
Berliner Glas KGaA Herbert Kubatz GmbH & Co.
Bernhard Halle Nachfl. GmbH
BESTEC GmbH
Bestec GmbH
biolitec AG
Carl Zeiss Microscopy GmbH
CDA GmbH
CeramOptec GmbH
CINOGY Technologies GmbH
Coherent (Deutschland) GmbH
Cosyco GmbH
Creative Laser Production
CryLaS GmbH
Crystal GmbH
Cube Optics AG
DILAS Diodenlaser GmbH
DIOPTIC GmbH
Docter Optics
Docter Optics, Inc.
DOEHRER Elektrooptik
Dr. Brueckner Messtechnik
Dr. Heinrich Schneider Messtechnik GmbH
DVC Digitalvideo Computing GmbH
Dynamic Micro Systems
eagleyard Photonics GmbH
Eagleyard Photonics GmbH
EdgeWave GmbH

Edmund Optics GmbH
EHD Imaging GmbH
Electrovac Curamik Electronics GmbH
ELS Elektronik Laser System
ELS Elektronik Laser System GmbH
EPIGAP Optoelektronik GmbH
eurolaser GmbH
EUROMICRON GmbH
EuroPhoton GmbH
F&K Delvotec Inc.
FAST ComTec
Fast Comtec
FEE GmbH
Feith Sensor to Image GmbH
Femto GmbH
FEMTO Messtechnik GmbH
Ferrotec GmbH
Fibertech Optica Inc.
Fibotec Fiberoptics GmbH
ficonTEC GmbH
Fietje Sensor & Optoelektronik GmbH
fineoptix GmbH
Framos Electronic Vertriebs GmbH
Frankfurt Laser Co.
Frankfurt Laser Co.
Frankfurt Laser Company
Fresnel Optics GmbH
Fries Research & Technology GmbH
Fries Research & Technology GmbH (FRT)
FRT, Fries Research & Technology GmbH
GD Optical Competence GmbH
GFMesstechnik GmbH
ghip systems GmbH
Gigahertz-Optik GmbH
greateyes GmbH
GWU Lasertechnik Vertriebsges.mBH
GWU-Lasertechnik GmbH
H2B Photonics
Halcyonics GmbH
Hamamatsu Photonics Europe
HEDRICH Vacuum Systems
Helion GmbH
Hellma GmbH & Co. Kg
Heraeus Noblelight
Heraeus Noblelight GmbH
Highyag Lasertechnologie GmbH

HOLOEYE Photonics AG
HUBER Diffractionstechnik GmbH & Co. KG
Huettinger Electronic Inc.
Ib Laser Ag
iC-Haus GmbH
IDS Imaging Development Systems GmbH
Innolight GmbH
Innolume GmbH
Instrument Systems GmbH
JENOPTIK Laser GmbH
JENOPTIK Optical Systems GmbH
KLASTECH GmbH
L.O.T.-Oriol GmbH & Co. Kg
Las-Cad GmbH
LASNIX
Layertec GmbH
Leica Camera AG
Leica Microsystems GmbH
Leica Science Lab
Leybold Optics GmbH
Lg Laser Technologies GmbH
LightGuideOptics Germany GmbH
Lios Technology GmbH - Linear Optical Sensors
Lisa Laser Products Ohg
LMT Lichtmesstechnik GmbH Berlin
Lt Ultra-Precision
Ltb Lasertechnik Berlin GmbH
Lumberg UK Ltd
LUMERA LASER GmbH
Mahr Federal
Manfred Throl Optische Systeme
Mateck GmbH
MEL Mikroelektronik GmbH
Menlo Systems GmbH
MenloSystems
MergeOptics GmbH
MetroLux GmbH
MIB
Micro Resist Technology GmbH
Microtec
Mikropack GmbH
Moeller-Wedel Optical GmbH
MolTech GmbH
MRC Systems GmbH
Mso Jena GmbH
MVTec Software GmbH

Nanofilm Technologie GmbH
Nanolayers - Optical Coatings & Technologies
NanoPhotonics AG
nanoplus Nanosystems and Technologies GmbH
New Electronic Technology (NET) GmbH
OASYS GmbH
OEC AG
OECA
Oerlikon Leybold Vacuum
Olympus Soft Imaging Solutions
omt
omt - optische messtechnik gmbh
Opsira GmbH
optek-Danulat GmbH
optek-Danulat, Inc.
Optenso
OPTI-KEN
Optical Beam Handling Systems
Optikkomponenten & Kristalle
OPTIKRON GmbH
Optocomponents GmbH
Optocraft GmbH
Optocraft GmbH
Optolab Microsystems GmbH
OptoPolymer
Optotech Optical Machinery Inc.
OptoTech Optikmaschinen GmbH
Optris GmbH
Optronis GmbH
Osram Opto Semiconductors GmbH
OWIS GmbH
Oxford Plasma Technology
Photonic Sense GmbH
Phototherm Dr. Petry GmbH
Physimetron Elektronische Messtechnik
pi4_robotics GmbH
Picoquant GmbH
Piezosystem Jena
Plan Optik AG
Plasus
Plein & Baus GmbH
PMDTechnologies GmbH
POG Precision Optic Gera GmbH
polyoptics GmbH
Polytec GmbH
Prazisions Glas & Optik GmbH

Präzisions Glas & Optik GmbH
PRC Krochmann
Precitec, Inc.
Prenovatec GmbH
Pridat Mikro- und Feinoptik GmbH
Primes GmbH
Prinz Optics GmbH
Professional Lamps Inc
Promotec GmbH
prophoton-x
Proscan Elektronische Systeme GmbH
Proxitronic
Proxitronic Funk GmbH & Co. KG
ProxiVision GmbH
Qioptiq
Qubig GmbH
Raith GmbH
Ray Technologies GmbH
RAYLASE AG
Reichmann Feinoptik GmbH
Reinaert Electronics
Rennsteig Werkzeuge GmbH
Rofin
Rowiak GmbH
RT Industrial
Scanlab Ag
Schäfter + Kirchhoff GmbH
Schmidt + Haensch GmbH
Schneider GmbH + Co. Kg
Schott Lithotec Ag, Sales Office
Sensovation Ag
Sentech Instruments
Sigma Laser GmbH
Silicann Technologies GmbH
Silicon Software GmbH
Sill Optics GmbH & Co Kg
SIOS Messtechnik GmbH
Soliton Laser- und Messtechnik GmbH
SPECTRO Analytical Instruments
SPECTRO Analytical Instruments GmbH
SPHERON-VR AG
Springer - Science and Technology Publishers
Steinmeyer
Surface Concept GmbH
SVS-VISTEK GmbH
tec5 AG

Termotek AG
Three-Five Epitaxial Services AG (TESAG)
Tintometer Ltd.
TOPAG Lasertechnik GmbH
TRIOPTICS GmbH
TRUMPF Laser Division
U-L-M photonics
u2t Photonics
VDS Vosskühler GmbH,
ViALUX Messtechnik + Bildverarbeitung GmbH
ViaOptic GmbH
Videor Technical
Vision Components GmbH
Vision Crystal Technology AG
VITRON GmbH
VM-TIM
WITec GmbH
Xiton Photonics GmbH
Z-LASER Optoelektronik GmbH
ZETT Optics
ZEUTEC Opto-Elektronik GmbH
ZMD AG