

# Kako izraditi rad bez vlastitih opažanja

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# Prihvatljivi oblici radova

- opažački
- praktični
- simulirani
- teorijski

# Neprihvatljivi oblici radova

- plagijati
- referati

# Radovi na osnovu vlastitih opažanja

- ovisnost o vremenskim uvjetima
- ograničen vremenski period za provedbu opažanja
- opažanja/mjerenja
- analiza
- rezultat
- zaključak

# Praktični radovi

- izrada mjernog instrumenta i opažanje pomoću njega
- umjeravanje
- opažanja/mjerenja
- analiza
- rezultat
- zaključak

# Radovi na osnovi simuliranih opažanja

- uporaba računalnih programa koji npr. simuliraju neku astronomsku pojavu
- mjerenja
- analiza
- rezultat
- zaključak

# Teorijski radovi

- izrada teorijskog modela kojim se opisuje/simulira mehanizam neke astronomske pojave
- opažanja/mjerenja
- analiza/izrada modela
- rezultat
- zaključak

# Uporaba podataka iz drugih izvora

- katalogi/baze podataka (zvijezda, zvjezdanih skupova, galaktika...)
- filmovi/fotografije/cртеži (npr. Sunca, Mjeseca, meteora...)



# Katalozi/baze podataka

- <http://vizier.u-strasbg.fr/viz-bin/VizieR>
- pristup gotovo svim objavljenim astronomskim katalozima i tablicama s podacima - trenutno (lipanj 2016.) sadrži 15048 kataloga

## VizieR Service

[VizieR home](#) · [Photometry viewer](#) · [Query VizieR using TAP](#) · [X-match tables](#) · [Query images/spectra](#)

**Search Criteria**

**Preferences**

max: 50

HTML Table

☐ All columns

[Compute](#)

**Mirrors**

CDS, France

**Find catalogs among 14522 available**

Clear Find...

Expand search ☐

**?** *Catalog, author's name, word(s) from title, description, etc. e.g.: AGN, Veron, I/239, or bibcodes...*

► [Search for catalogs by column descriptions \(UCD\)](#) **?**

► [Search for catalogs containing additional data](#)

**Search by Position across 15835 tables**

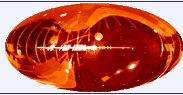
Target Name (resolved by [Sesame](#)) or Position:

Clear J2000 2 arcmin Go!

Radius ☒ Box size ☐

**Wavelength** **Mission** **Astronomy**

Radio	AKARI	Abundances
IR	ANS	Ages
optical	ASCA	AGN
UV	BeppoSAX	Associations
EUV	CGRO	Atomic_Data
X-ray	Chandra	Binaries:cataclysmic
Gamma-ray	COBE	Binaries:eclipsing



Find Catalogs **?**

**i** [More about VizieR](#)

### Tools related to VizieR

- [Photometry viewer](#) : Plot photometry (sed) including all VizieR
- [TAP VizieR](#) : query VizieR using ADQL (a SQL extension dedicated for astronomy)
- [CDS cross-match service](#) : fast cross-identification between any 2 tables, including VizieR catalogues, SIMBAD

# Katalozi/baze podataka

- <http://aladin.u-strasbg.fr/aladin.gml>
- interaktivni atlas neba povezan sa SIMBAD i Vizier bazama podataka

Aladin Lite

Target:

Surveys:

Fermi

GALEXGR6/AIS

DSS2

DSS2/red

DSS2/blue

SDSS9

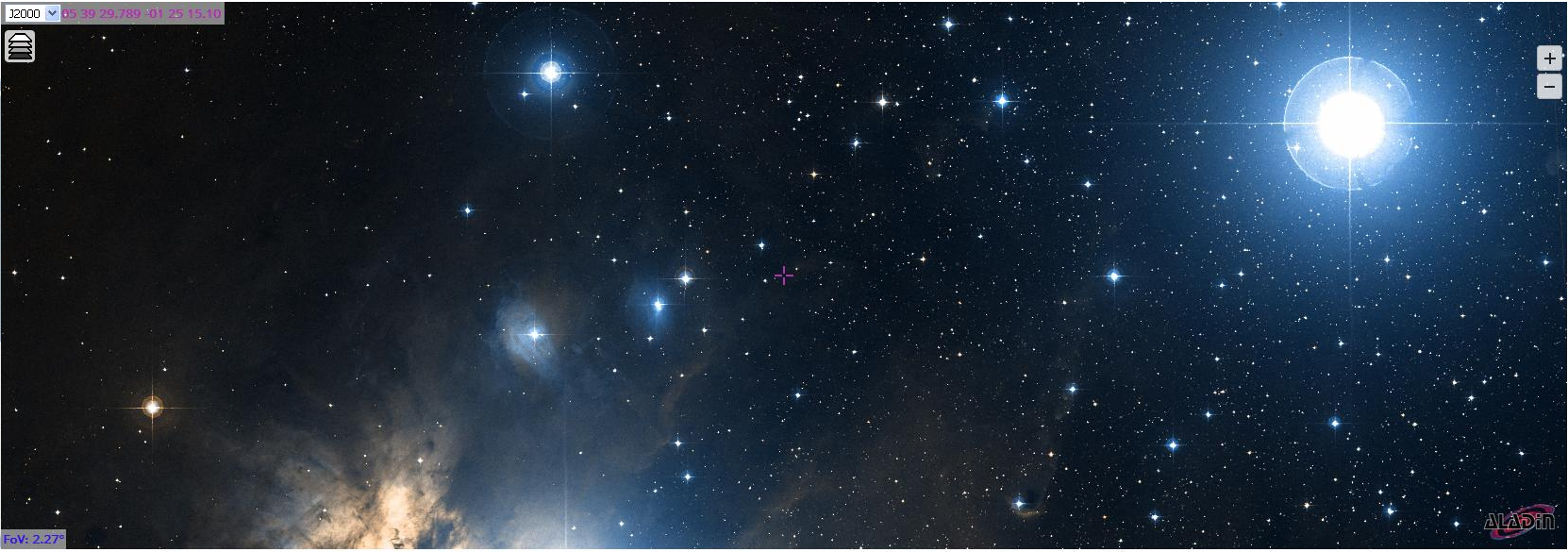
Mellinger

allWISE

IRIS

12000 65.39 29.789 -01.25 15.10

FoV: 2.27°



Are you a developer interested in integrating Aladin Lite in your project ? Have a look at the [dedicated documentation](#).

# Filmovi/fotografije/cртеži

- **Sunce**
- [https://www.kso.ac.at/index\\_en.php](https://www.kso.ac.at/index_en.php)
- <http://sohowww.nascom.nasa.gov/data/data.html>
- <http://stereo-ssc.nascom.nasa.gov/>
- <http://www.bbso.njit.edu/>
- Zvezdarnica Zagreb - crтеži



# Kanzelhöhe Observatory for Solar and Environmental Research

KARL-FRANZENS-UNIVERSITÄT GRAZ  
UNIVERSITY OF GRAZ



Home Presentation Instruments Info/Observations Sun & Climate Gallery Links



Kanzelhöhe 19  
9521 Treffen am Ossiacher See  
Austria

Phone +43 4248 2717  
Mobile +43 684 88546079  
Fax +43 4248 271715

» E-Mail

Today sunrise 03:12 UTC  
sunset 19:02 UTC

**Latest observations: 26.06.2016**  
relative number: R = 0

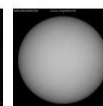
- » how to find us...
- » contact
- » library
- » data...
- » guided tours

- » H- $\alpha$  Flares and Movies (ESA)
- » ISES Spaceweather

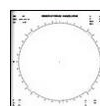
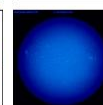
- » IGAM
- » UNI Graz

- » solar pos. & ephemer.

- » german version



**UV-B grid Austria**  
**recent UV-B index**  
Kanzelhöhe / Gerlitz  
» [www.uv-index.at](http://www.uv-index.at)



Archive ...

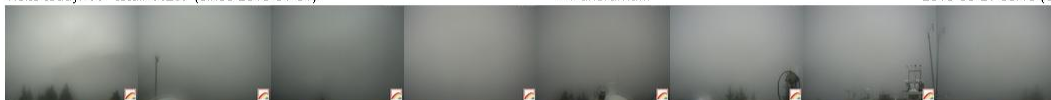
08:20(UT)  
**T: 8.7°C**  
Wind: NW/5  
☀ 0%  
☁ 0cm

**recent weather data**  
» weather data (plots)  
» ZAMG

Visits today: **44** total: **41287** (since 2016-01-01)

» Panorama...

2016-06-27 08:13 (UT)




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# STEREO SCIENCE CENTER

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HOMECONTACTSITE MAP

[Important notice about STEREO Behind](#)

## Welcome to the **STEREO** Science Center

The STEREO Science Center serves the following functions:

1. Archive for STEREO telemetry, mission support data, and higher level instrument data and analysis software.
2. Processing center for STEREO space weather beacon data.
3. Focal point for science coordination.
4. Focal point for education and public outreach activities.

This website serves the first three of the above functions, and is designed to be used by scientists and the operations team. For more general information about the STEREO mission, including education and public outreach, please also visit our [main STEREO website](#).

Last Revised: Monday, 10-Aug-2015 11:07:13 EDT  
Responsible NASA Official: [Joseph B. Gurman@nasa.gov](mailto:Joseph.B.Gurman@nasa.gov)  
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# Filmovi/fotografije/cртеži

- **Zvijezde**
- <https://www.aavso.org/>
- **Zvijezde, galaktike...**
- <http://www.sdss.org/>
- **Meteori**
- <http://cmn.rgn.hr/>
- <http://imo.net/>



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Observers  
Researchers

#### Active forum topics

Nova Sco 2016  
HK Sco (Z And)  
UCAC4-735-019611 & UCAC4  
736-020428

#### JAAVSO

The Journal of the American Association  
of Variable Star Observers



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Spring Meeting  
Review



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#### Pick a Star

Star name here

Type star name then click action.

- >> Plot a light curve
- >> Check recent observations
- >> Create a finder chart
- >> Search VSX

Learn More

#### Recent Activity

##### Variable Star Observations in Database:

3 1, 0 7 1, 7 9 8 and Counting ...

- >> Annual Report for 2014-2015 now online Jun 22
- >> JAAVSO Volume 44 Number 1 June 2016 is published Jun 14
- >> Solar Bulletin - Volume 72, Number 05 Jun 14



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June 12, 2016

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# Croatian Meteor Network

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Welcome to the web pages of the Croatian Meteor Network (CMN). The network was put into operation in the first half of 2007. At the moment, it consists of 30 surveillance cameras each having a field of view of 64x48 deg. The cameras monitor most of the night sky over Croatia. Cameras are paired, allowing for triangulation of recorded meteors and their orbit determination. The network is coordinated by a small scientific team: Damir Šegon, Korado Korlević and Željko Andreić.



## QUICK LINKS

### DOWNLOADS

Download page contains all of the materials offered for download by the CMN, including but not limited to: software, scientific papers, catalogues, orbit sets for individual showers, etc.

### PAPERS

Published scientific papers written by the members of Croatian Meteor Network.

### BINVIEWER SOFTWARE

The goal of CMN\_binViewer software is to provide an all-around capability for easy data viewing, sorting, saving individual frames and images, making an animation, applying dark and flat frames and correcting image levels for CAMS and Skypatrol standard data.

### SEARCH OF THE IAU MDC SHOWER DATABASE

The IAU MDC shower database is the official database of all known and supposed showers. This is a tool that makes searching for showers with particular parameters quite easy. The tool was created by CMN member Mica Skokic.

# Primjeri radova

Hvala na pažnji