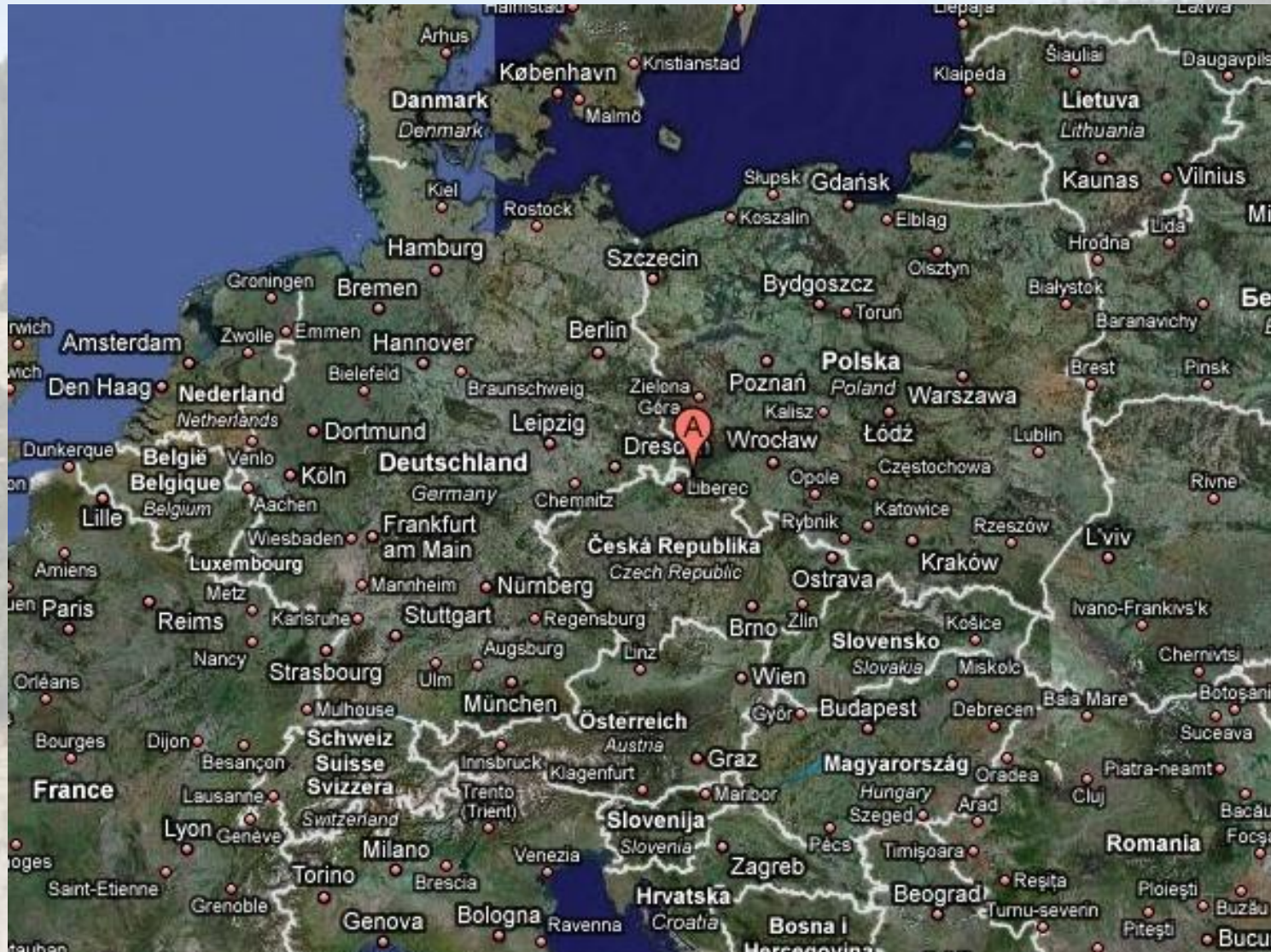


Izera projects. With astronomy into a forest.



**T.Mrozek, S. Kołomański, P. Suchan,
G.Żakowicz, Z. Kamiński, S. Kornafel,
T.L. Czarnecki**

The Ižera Mountains



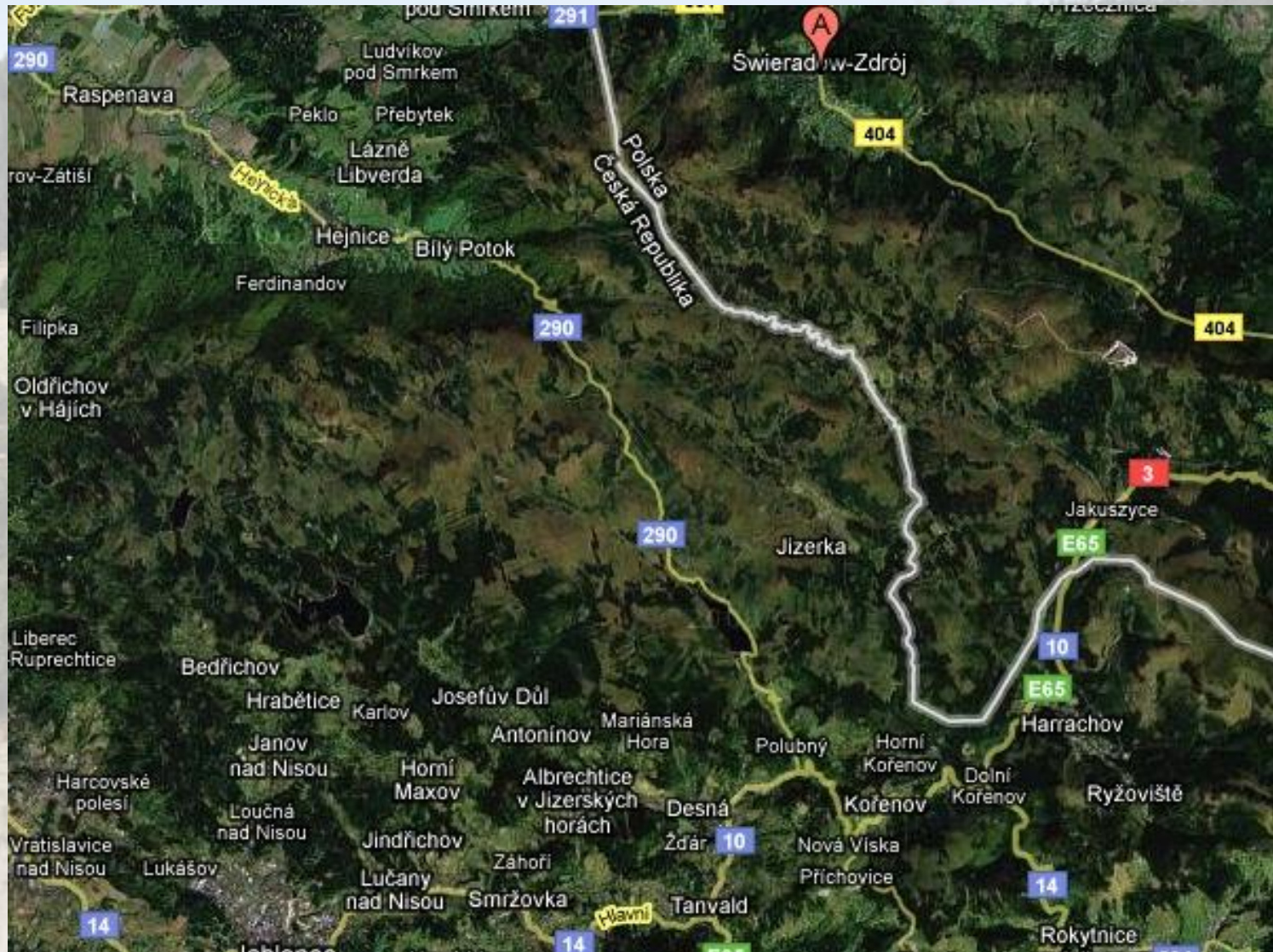
In the middle of Europe

The Iżera Mountains



approx. 100 km from Wrocław

The Ižera Mountains

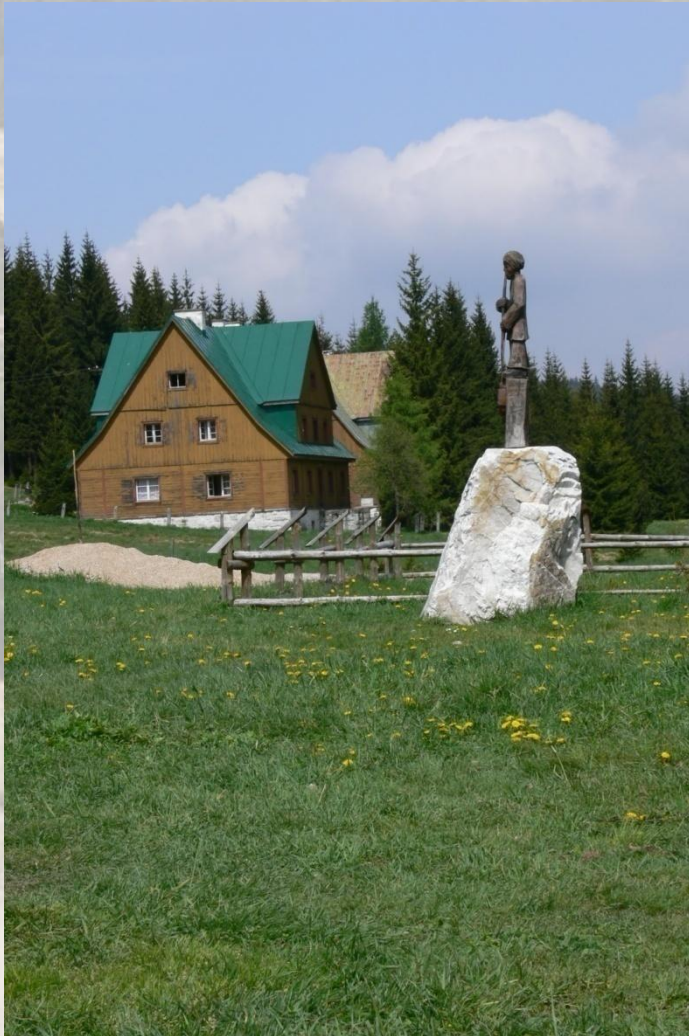


Ižera Mountains, Ižera Valley

The Izera Mountains and astronomers

13-14 X 2001 – first Astromer's hike

13-14 V 2006 – 10th (the Izera Mountains)



The Izera Mountains and astronomers

Stanisław Kornafel – host of the Orle



Tourists' Station „Orle”

The Izera Mountains and astronomers

22-24 IX 2006 – first OSA (all-Poland Astronomical Meeting) – Zieleniec
Following editions – the Izera Mountains



Tomasz L. Czarnecki
Organizer of the OSA

The idea



2nd edition of OSA – long evening with beer – the idea of School Workshop on Astronomy (SWA) was born



One month later – 1st edition of SWA – long evening with beer – the idea of Ižera Projects was born

The Izera Projects: overview



Primary goals:

- scaled model of the Solar System
- gnomon and sundial – tourist station ORLE
- stone circle – Stóg Izerski summit
- Izera Dark-Sky Park

Periodic activities:

- School Workshop on Astronomy (SWA, five editions) - XVII LO, Astronomical Institute University of Wrocław
- all-Poland Astronomical Meeting (OSA, four editions) – telescopy.net, Astronomical Institute University of Wrocław
- Astronomical Day in the Izera Dark-Sky Park

Scaled model of the Solar System



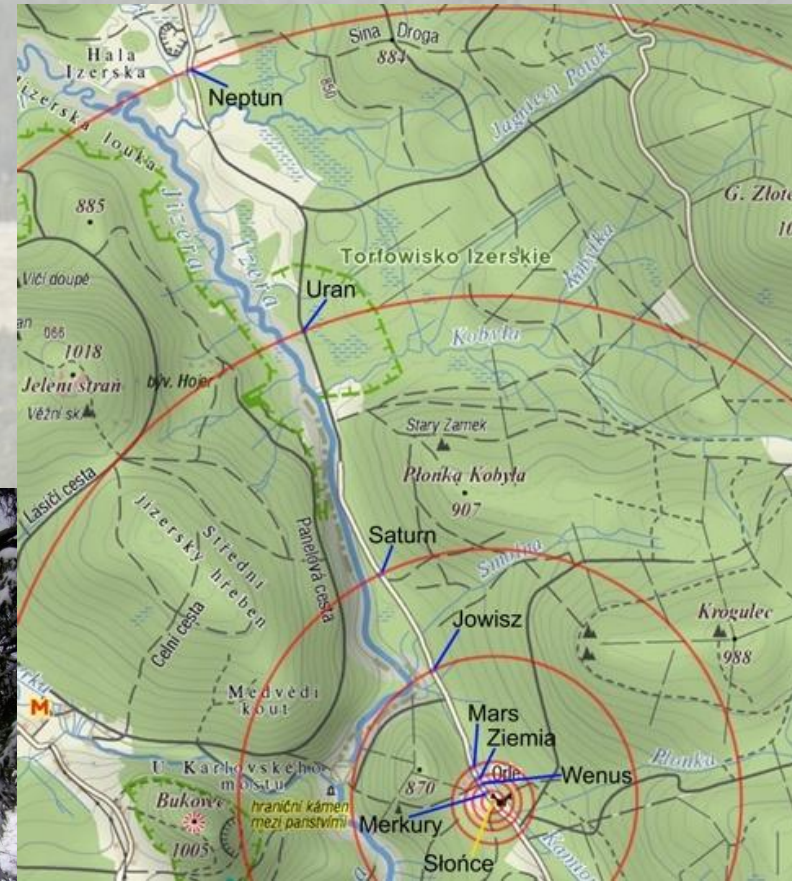
5th Nov 2007

From Orle Station to
Chatka Górzystów

Scale 1:1000000000

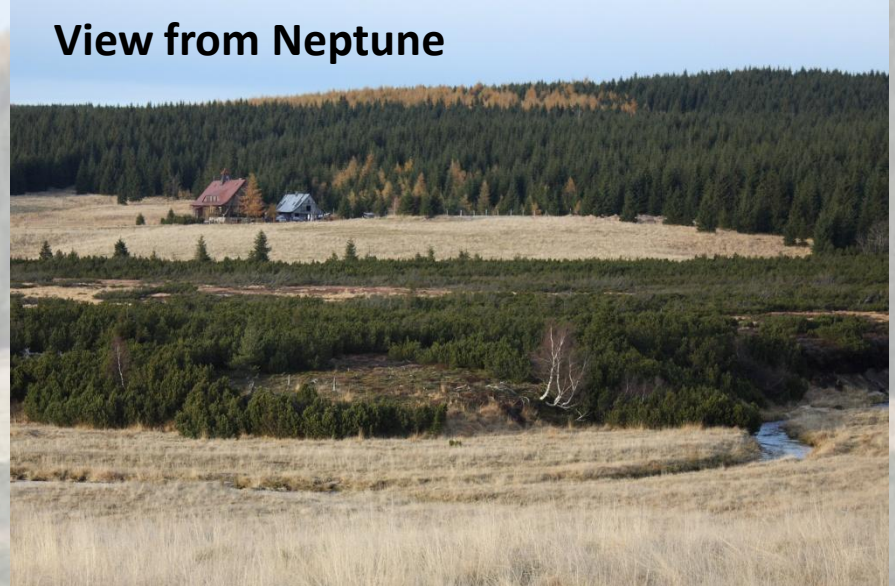
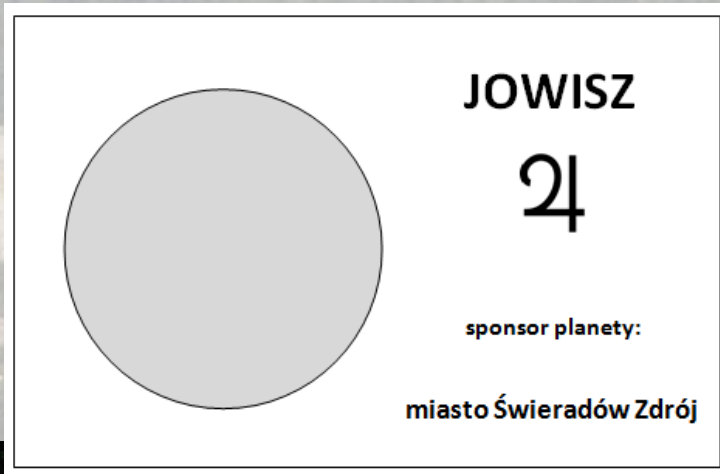
approx. length 4.5 km

planets from 0.5 cm to 14 cm



Scaled model of the Solar System

8 irregular stones with tablets



Scaled model of the Solar System

Starting point of the path:
Gnomon and Sun model



Opening: September 18th, 2010

Gnomon and sundial



the Gnomon:

**stone pillar
(2 - 2.5 m) – from
Strzegom quarry**

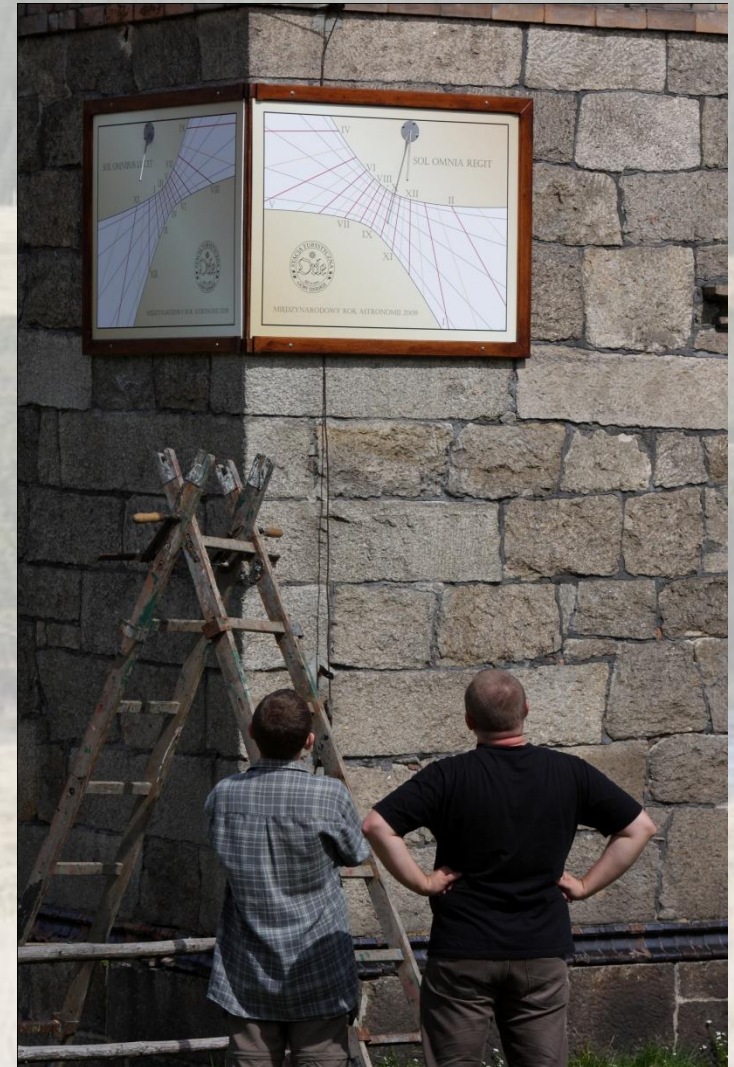
Gnomon and sundial

Mounted: May 9th, 2009



the Sundial:

due to the orientation of the building two
sundials were placed on the neighbouring
walls



Gnomon and sundial

Opening: May 9th, 2009



Prof. Michał Tomczak, Director of
The Astronomical Institute UoW

Stone circle (2011?)



Panorama view of the Stóg Izerski summit



8 pillars (approx. 2 m high)
20 meters in diameter

inside - the analemmatic sundial
(the dial will be made of flat stones
lying on the ground)

Analemmatic sundial

Stone circle



7 stones will be placed using a crane

The last one we will put with our hands...



Izera Dark-Sky Park



Agreement was signed on November 4th, 2009

Periodic activities:OSA



September 22-24, 2006 r.
September 7-9, 2007 r.
September 26-28, 2008 r.
September 18-20, 2009 r.
September 16-19, 2010 r.



Periodic activities:SWA

November 5-7, 2007 r.

May 26-28, 2008 r.

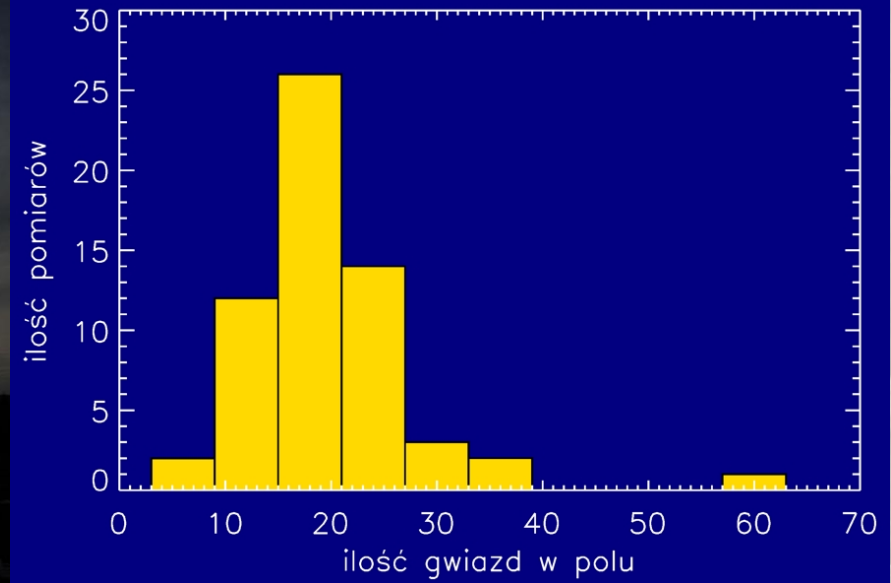
September 29-October 2, 2008 r.

April 27-30, 2009 r.

April 27-30, 2010 r.



Periodic activities:SWA



Periodic activities:SWA



Periodic activities:SWA



Periodic activities:Astronomical Day



May 22, 2010 r.

**Next edition:
September 18, 2010 r.**

Future



5th OSA
Astronomical Day in IPCN
6th SWA
Educational path
Stone circle

September 16-19th, 2010
September 18th, 2010
October 6-8th, 2010
September 18th, 2010
Summer solstice 2011

Web pages



PI www.astro.uni.wroc.pl/projekty_izerskie
IPCN www.izera-darksky.eu
SWA www.swa.zs-6.com
OSA www.osa.teleskopy.net