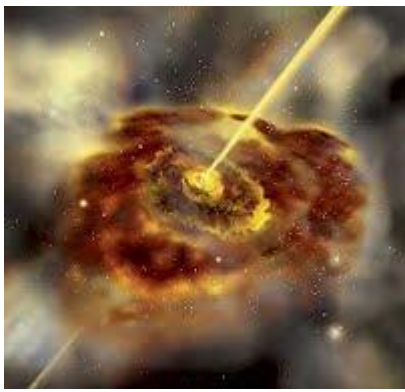
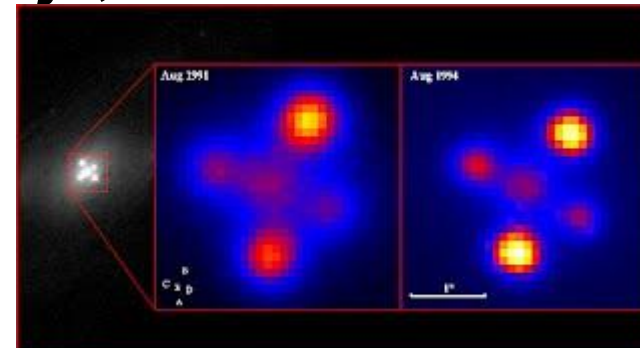




7th AGN & GL

July 20-24, 2026, Vrnjacka Banja, Serbia



*1st Workshop:
Spectroscopy as a tool to investigate
Active Galactic Nuclei and gravitational lenses
Serbia, July 7-11, 2010*

http://servo.aob.rs/eeditons/CDS/Workshops/AGN_GL_1/index.htm



Kosmaj, Babe

Kosmaj - Babe
dea of this series of
conferences is to
have several small
groups working of
on the well defined
problems

- several lectures
- mini projects
- discussion



















II Workshop on Active Galactic Nuclei and Gravitational Lensing

April 24 - 28, 2012, Andrevlje, Serbia

http://servo.aob.rs/eeditions/CDS/Workshops/AGN_GL_2/index.htm



Radiation polarization in AGN

$\sim 45^\circ$ scattering - $\theta \approx 11^\circ$ - direct view of accretion disk (BL) and jet (BL)

BL Lac: RG, radio-quiet QSO
U-polarization in cone emission

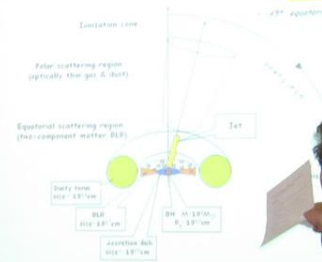
$\sim 45^\circ$ equatorial scattering - $\theta \approx 11^\circ$

U/L, radio-loud QSO, BLR-QSO

BL Lac: RG, radio-quiet QSO
U-polarization in cone

$\theta \approx 11^\circ$

direct light



ЦЕНТАР ЗА ПРИМЕНА
ТЕХНИЧЕСКИХ РЕШЕНИЙ
АНДРЕВЪ

Structure and Kinematics of the central BLR in AGN

Wolfram Kollatschny, Göttingen

Andrievlje, Serbia, 2012



University Observatory



Institute for Astrophysics

ЦЕНТАР ЗА ПРИМЕРНО
ТЕХНОЛОШКИ РАЗВОЈ
АНДРЕВЉЕ



III Workshop on Active Galactic Nuclei and Gravitational Lensing

7 - 11. October, 2014, Koncarevo, Serbia

http://servo.aob.rs/eeditions/CDS/Workshops/AGN_GL_3/index.htm



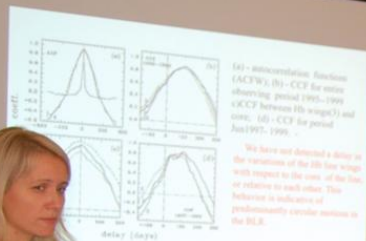


Fig. 3: A lag of ~100 days (1996-1999); in 1997-1999 (after sampling) - two max in CCF (lags ~35 and 100 days).
Subslov 2001, A&A





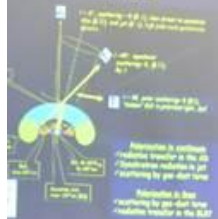




IV Conference on Active Galactic Nuclei and Gravitational Lensing, November, 12 - 15, 2019, Banja Zhdrelo



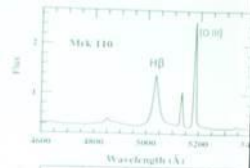
Polarization in AGNs



Polarization is caused by
anisotropic emission in the disk
of the AGN. The polarization angle
is determined by the geometry of the
AGN.

Polarization is also
caused by the geometry of the
AGN.

Reverberation mapping: SMBH mass

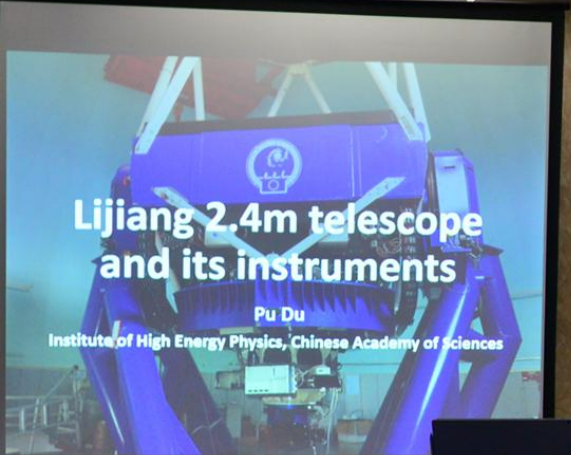


Kinematics and geometry of ionized gas around SMBHs

$$M_{\bullet} = f_{\text{BLR}} \frac{R_{\text{BLR}} V^2}{G}$$

accuracy: 100–200%





Lijiang 2.4m telescope and its instruments

Pu Du

Institute of High Energy Physics, Chinese Academy of Sciences



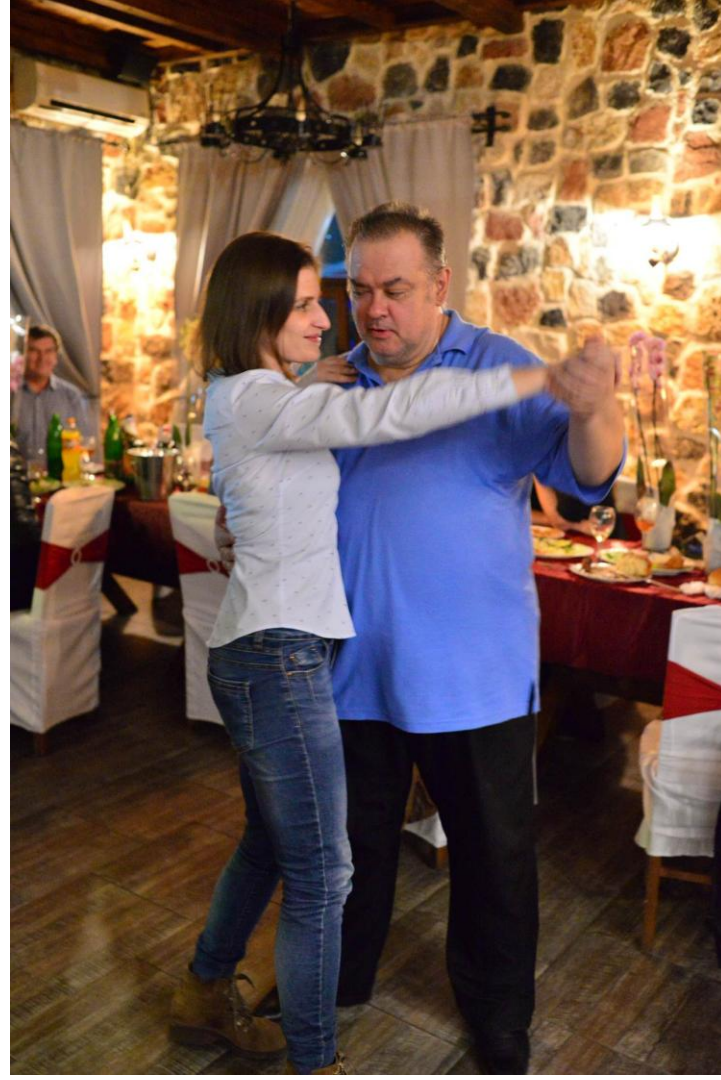


Scientific Justification





2019



V AGN&GL, June 13-17, 2022; Topola Serbia







1st AGN&GL conference vs. 5th AGN&GL (Oplenac)





2022, Topola



**VI Conference on Active Galactic Nuclei and
Gravitational Lensing June 2-6, 2024, Zlatibor Mt.,
Serbia**







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Advances in Space Research 77 (2026) 4041–4058

**ADVANCES IN
SPACE
RESEARCH**

(a COSPAR publication)

www.elsevier.com/locate/asr

The extremes of AGN variability: Outbursts, deep fades, changing looks, exceptional spectral states, and semi-periodicities[☆]

S. Komossa^{a,*}, D. Grupe^b, P. Marziani^c, L.Č. Popović^{d,e}, S. Marčeta-Mandić^{d,e}, E. Bon^e,
D. Ilić^{d,f}, A.B. Kovačević^d, A. Kraus^a, Z. Haiman^{g,h}, V. Petrecca^{i,j}, D. De Cicco^{i,j,k},
M.S. Dimitrijević^e, V.A. Srećković^l, J. Kovačević Dojčinović^e, M. Pannikkote^m, N. Bon^e,
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VII Conference on Active Galactic Nuclei and Gravitational Lensing July 20-24, 2026, Vrnjacka Banja, Serbia

The same format as previous meetings:

- working groups - mini projects
- several lectures and discussions
- Offer to publish paper in **Contributions of the Astronomical Observatory Skalnaté Pleso**
- be relaxed and enjoy the meeting.