

5. LECTURES HELD BY THE OBSERVATORY FELLOWS AND GUESTS

5.1. LECTURES HELD AT THE ASTRONOMICAL OBSERVATORY

1. 19.04.2000
Milan Ćirković
Fizička eshatologija
(Physical eshatology)
2. 26.04.2000
Anatolij A. Mihajlov
Uloga radijacionih, hemi-jonizacionih i hemi-rekombinacionih atomskih sudarnih procesa u zvezdanim atmosferama
The role of radiative, chemi-ionization and chemi-recombination atomic collisional processes in stellar atmospheres
3. 3.05.2000
Aleksandar Bogojević
Novi model formiranja planetarnih sistema
(A new model of planetary systems formation)
4. 10.05.2000
Aleksandar Belić
Skaliranje i univerzalnost gravitacione kondenzacije
(Scaling and the universality of gravitational condensation)
5. 1.06.2000
M. S. De Biasi
The arclength method of analysis and reduction of astrometric VLBI data
6. 17.06.2000
Milan S. Dimitrijević
Astronomska opservatorija u Beogradu
(Belgrade Astronomical Observatory)
(For the students and professors of the secondary school from Bijeljina)
7. 13.09.2000
Balša Terezić
Separabilni potencijali u troosnim galaksijama
(Separable potentials in three-axial galaxies)

8. 20.09.2000
Milan S. Dimitrijević
Opservatorija u Armagu
(Armagh Observatory)
9. 27.09.2000
Jelena Milogradov-Turin
Medjunarodne astronomske olimpijade
(International astronomical Olympiads)
10. 18.10.2000
Veljko Vujičić
O Njutnovim teoremama o uzajamnom privlačenju tela
(On Newton's theorems on mutual attraction of bodies)
11. 27.11.2000
Gotthard Richter, Petra Böhm
Astrophysical observatory in Potsdam

5.2. LECTURES HELD BY THE OBSERVATORY'S FELOWS OUTSIDE THE ASTRONOMICAL OBSERVATORY

1. 4.01.2000
Slobodan Jankov
Doppler Imaging of non-radially pulsating stars
L'Institut d'Astrophysique Spatiale, Orsay, France
2. 2.02.2000
Milan S. Dimitrijević
Astrologija - Nauka 21. veka ili prevara
(Astrology -The Science of the 21st century or fraud)
Rotary Club - Beograd Stari grad (Belgrade Old city)
3. 3.02.2000
Silvana Nikolić
Uvod u radioastronomiju
(Introduction to radioastronomy)
Research center Petnica, Valjevo
4. 3.02.2000
Silvana Nikolić
Kratak pregled najnovijih rezultata posmatračke radio astronomije
(Short review of the recent results of observational radioastronomy)
Research center Petnica, Valjevo
5. 7.02.2000
Edi Bon

- Planete Suncevog sistema
(Solar system planets)
Research center Petnica, Valjevo
6. 8.02.2000
Oliver Vince
Sunce naša zvezda
(The Sun – our star)
Research center Petnica, Valjevo
7. 10.02.2000
Edi Bon
Astrofizicka spektroskopija
(Astrophysical spectroscopy)
Research center Petnica, Valjevo
8. 10.02.2000
Oliver Vince
Karakteristike CCD kamere
(Characteristics of CCD camera)
Research center Petnica, Valjevo
9. 10.02.2000
Luka Č. Popović
1. Belgrade Observatory
2. Two peaks lines from some AGN - a possible indication of a merging system
Astrophysical Institute, Potsdam, Germany
10. 23.2.2000.
Ištvan Vince
Spectral observation of Solar eclipse
Eötvös Lorand University, Budapest, Hungary
11. 24.02.2000
Milan M. Čirković
Antropicki principi u kosmologiji
Anthropical principles in cosmology
Institute of Physics of the University of Kragujevac
12. 4.03.2000
Milan S. Dimitrijević
Djordje Stanojević
Evening of geography and astronomy, Radul Beg Konak, Zaječar
13. 6.03.2000.
Ištvan Vince
What we can learn from an eclipse
XXI Regional Days of Physics, Debrecen, Hungary

14. 9.03.2000
 Milan M. Ćirković
 Rendgenska i ultraljubicasta astronomija: Medjuzvezdana materija
 Roentgen and Ultraviolet astronomy: Interstellar matter
 Research center Petnica, Valjevo
15. 10.03.2000
 Milan M. Ćirković
 Rendgenska i ultraljubicasta astronomija: Vangalaktički i kosmološki izvori
 Roentgen and Ultraviolet astronomy: Extragalactic and cosmologic sources
 Research center Petnica, Valjevo
16. 11.03.2000
 Milan S. Dimitrijević
 Da li bolesti mogu da dodju iz kosmosa?
 (Could diseases come from space?)
 Rotary club "Belgrade - Old city"
17. 15.03.2000
 Milan S. Dimitrijević
 Postanak vasiona, hemijskih elemenata i života
 (The origin of the Universe, chemical elements and life)
 Faculty of Mechanical Engineering, Belgrade
18. 4.04.2000
 Milan S. Dimitrijević
 Pod sjajem zvezda I - Zašto je noćno nebo tamno?
 (Under the star shining I - Why the night sky is dark?)
 Rotary club "Leskovac", Leskovac
19. 5.04.2000
 Milan M. Ćirković
 Još samo teorijski moguće: Geometrija i topologija medjuzvezdanog putovanja
 Only theoretically yet possible: Geometry and topology of an interstellar expedition
 Exploratorium of the Research Center Petnica, Valjevo
20. 6.04.2000
 Milan M. Ćirković
 Medjuzvezdano putovanje u naucnofantasticnoj knjizevnosti
 Interstellar expedition in science fiction literature
 Exploratorium of the Research center Petnica, Valjevo
21. 11.04.2000
 Milan M. Ćirković
 Antropički princip i budućnost kosmosa
 Anthropic principle and the future of the Universe
 Institute of Physics, Zemun
22. 11.04.2000

Milan S. Dimitrijević
Astronomy in Yugoslavia
Aristotelos University of Salonica, Astronomical Observatory, Salonica, Greece

23. 13.04.2000
Milan S. Dimitrijević
Stark broadening effect in astrophysics
University of Athens, Department of Physics, Section of Astrophysics, Astronomy and Mechanics, Athens, Greece
24. 26.04.2000
Veselka Trajkovska
Istraživanja u oblasti zvezdane astronomije na Beogradskoj opservatoriji
Investigations in the stellar astronomy at Belgrade Observatory
Institute of Physics, Faculty of Sciences, Skopje, Macedonia
25. 26.04.2000
Veselka Trajkovska
Neki rezultati posmatranja pomračenja Sunca od 11 avgusta 1999. godine u Jugoslaviji
Some results of the 11th August 1999 Solar eclipse observations in Yugoslavia
Institute of Physics, Faculty of Sciences, Skopje, Macedonia
26. 10.05.2000
Milan S. Dimitrijević
Zašto je noćno nebo tamno?
(Why the night sky is dark?)
Rotary Club Belgrade - Stari grad, Aeroklub, Beograd
27. 24.05.2000
Milan S. Dimitrijević
Konačna sudbina Univerzuma
(The final fate of the Universe)
Faculty of Protection at Work, Niš
28. 14.06.2000
Milan S. Dimitrijević
Sudbina univerzuma
(The fate of the Universe)
Rotary Club Belgrade - Stari grad, Beograd
29. 15.06.2000
Oliver Vince
Spektroskopija
(Spectroscopy)
Research center Petnica, Valjevo
30. 15.06.2000
Oliver Vince

Spektralno određivanje spektralne klase zvezda
(Spectral determination of the stellar spectral class)
Research center Petnica, Valjevo

31. 16.06.2000
Ištvan Vince
Potpuno pomračenje Sunca 1999 - godinu dana posle
(The total Solar eclipse in 1999 - a year after)
XVIII Belgrade Astronomical Weekend, Planetarium, Belgrade
32. 16.06.2000
Milan S. Dimitrijević
Ima li života izvan Zemlje?
(Does life exist outside the Earth?)
XVIII Belgrade Astronomical Weekend, Planetarium, Belgrade
33. 17.06.2000
Slobodan Ninković
Mlečni put - naša Galaksija
(The Milky Way - our Galaxy)
XVIII Belgrade Astronomical Weekend, Planetarium, Belgrade
34. 17.06.2000
Aleksandar Kubičela
Akrecioni diskovi kod aktivnih galaktičkih jezgara
(Accretion disks in Active Galactic Nuclei)
XVIII Belgrade Astronomical Weekend, Planetarium, Belgrade
35. 17.06.2000
Luka Č. Popović
Gravitaciona sočiva
(Gravitational lenses)
XVIII Belgrade Astronomical Weekend, Planetarium, Belgrade
36. 4.08.2000
Milan S. Dimitrijević
Influence of collisions with charged particles on astrophysical spectra
Armagh Observatory, Armagh (Northern Ireland)
37. 26.08.2000
Ištvan Vince
Aktivnost Sunca
(Solar activity)
Summer school of Physics and Astronomy "Zoo Palić 2000", Palić, Subotica
38. 2.09.2000
Milan S. Dimitrijević
Dostignuća u istraživanju Sunčevog sistema
(Achievements in the Solar system investigations)

Summer astronomical meetings "Astronomy at the end of XX century", Planetarium, Belgrade

39. 9.09.2000

Aleksandar Kubičela

Sunce u XX veku

(The Sun in the 20th century)

Summer astronomical meetings "Astronomy at the end of XX century", Planetarium, Belgrade

40. 9.09.2000

Slobodan Ninković

Istraživanje zvezda i Mlečnog puta

(Investigations of stars and Milky Way)

Summer astronomical meetings "Astronomy at the end of XX century", Planetarium, Belgrade

41. 16.09.2000

Luka Č. Popović

Vangalaktička astronomija

(Extragalactic Astronomy)

Summer astronomical meetings "Astronomy at the end of XX century", Planetarium, Belgrade

42. 16.09.2000

Milan Ćirković

Početak i kraj univerzuma: Skica istorije savremene kosmologije

(The beginning and the end of the Universe: A sketch of the history of contemporary cosmology)

Summer astronomical meetings "Astronomy at the end of XX century", Planetarium, Belgrade

43. 13.10.2000

Milan S. Dimitrijević

Stark broadening data for plasma diagnostics, technological applications and inertial fusion plasma research

Workshop on plasma diagnostics and industrial applications of plasmas, The Abdus Salam International centre for theoretical physics, Trieste (Miramare), Italy

44. 16.10.2000

Milan S. Dimitrijević

Stark broadening - a problem in stellar spectroscopy

Institute for astronomy - University of Vienna, L. Figl - Observatory for Astrophysics, Vienna, Austria

45. 17.10.2000
 Milan M. Ćirković
 Formiranje galaksija i evolucija barionske materije
 Formation of galaxies and baryonic matter evolution
 Institute of Physics, Zemun
46. 17.10.2000.
 Istvan Vince
 Struktura Sunca
 Solar structure
 Fondation "Solaris" and Society for Culture, Kiskunhalas, Hungary
47. 19.10.2000
 Slobodan Jankov
 Imagerie Doppler de pulsations non-radiales
 Université de Toulouse, Toulouse, France
 (<http://webast.ast.obs-mip.fr/seminaires>)
48. 21.10.2000
 Miodrag Đaćić
 Merenje vremena i položaja
 Measurement of time and position
 Autumn astronomical course, Planetarium, Belgrade
49. 24.10.2000
 Milan M. Ćirković
 Strela vremena i kosmološki modeli
 Arrow of time and cosmological models
 Tribune of Young, The Centre of Culture, Novi Sad
50. 3.11.2000
 Milan S. Dimitrijević
 Is there life outside the Earth?
 National library "Jovan Popović, Kikinda
51. 4.11.2000
 Milan M. Ćirković
 Teme iz filozofije nauke
 Subjects in the Philosophy of Science
 Exploratorium of Research center Petnica, Valjevo
52. 6.11.2000
 Milan M. Ćirković, Edi Bon
 Neokatastrofizam i arheološka evidencija
 Neocatastrophism and archaeologic evidence
 Research center Petnica, Valjevo
53. 10.11.2000.

- Ištvan Vince
Struktura Sunca
Solar structure
Autumn astronomical course, Planetarium, Belgrade
54. 14.11.2000
Slobodan Jankov
Imagerie Doppler-Interferometrique de pulsations non-radiales
Observatoire de Nice, Nice, France
(http://www.obs-nice.fr/cvs/Seminaires/00_01_seminaires.html)
55. 23.11.2000
Milan M. Ćirković
Problem tamne materije
Problem of dark matter
Institute of Physics of the University of Kragujevac
56. 9.12.2000
Nataša Stanić
Vangalaktička astronomija
Extragalactic astronomy
Autumn astronomical course, Planetarium, Belgrade
57. 15.12.2000
Milan M. Ćirković
Kosmološki horizonti
Cosmological horizons
Institute of Physics, Zemun
58. 18.12.2000
Milan M. Ćirković
Potraga za životom van Zemlje
Search for life out of Earth
IV Astronomical meetings of Valjevo, Secondary school, Valjevo
59. 18.12.2000
Ištvan Vince
Problem manganove linije u spektru Sunca
The problem of the manganese line in the Solar spectrum
Department of Astronomy, Mathematical Faculty, Belgrade
60. 19.12.2000
Interferometric-Doppler Imaging of stellar surface structure
European Southern observatory, Garching
(<http://www.eso.org/gen-fac/meetings/all-garching-meetings.html>)
61. 25.12.2000
Luka Č. Popović
Putovanje Vasionom

A journey through the Universe

Museum for Science and Technique of the Serbian Academy of Sciences and Arts.