

CURRICULUM VITAE

NAME Smiliana Dimitrova Dikova
BORN March 17, 1957 ; Tchorbadjiisko, Bulgaria
MARITAL STATUS married
CHILDREN Dimitar (18yrs) and Antitza (17yrs)
PERMANENT ADDRESS 1784 Sofia
Tzarigradsko schossee 72
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EDUCATION

PhD in Physics, 1989, *Institute of Astronomy, Bulgarian Academy of Sciences*(*PhD Thesis: On the three-body problem in Celestial Mechanics; Supervisor: Prof.Vladimir Schkodrov; referees: Prof.Victor Szebehely, University of Texas at Austin, USA and Prof.Konstantin Kholshchevnikov, University of Sankt Petersburg, Russia*)

MSc, 1981, *University of Sofia (Diploma Thesis: Dynamical structure of the Asteroidal belt; Supervisor: Prof. Vladimir Schkodrov)*

Mathematical High School of Sofia, 1975

SPECIALIZATIONS:

2000, 3 months, Brussels, Belgium, *Ilya Prigogine Center for Nonlinear Physics (NATO Project: Application of the Complex Spectral Analysis to Resonance Asteroids; Supervisor: Prof.I.Prigogine , Nobel prize laureate)*

1999, 2 months, Austin,USA; *University of Texas at Austin (Project: Formation of resonanc gaps in Asteroid belt.Application of the Complex Spectral Analysis; Supervisor: Prof.Ilya Prigogine)*

1993, 3 months, Brussels, Belgium; *International Solvay Institutes for Physics and Chemistry (Project: Chaos and Predictability in Celestial Mechanics; Supervisor: Prof. Ilya Prigogine)*

**SCHOOLS AND WORKSHOPS AT THE INTERNATIONAL
CENTRE FOR THEORETICAL PHYSICS, TRIESTE, ITALY:**

1996, 1month, Spring school on chaos in quantum and classical dynamical systems

1996, 1month, Workshop on parallel processing

1998, 1month, Workshop on dynamical systems

OTHER WORKSHOPS:

2nd REGIONAL ON CELESTIAL MECHANICS, PRAGUE, CHEZ, 199?

AMERICAN-EUROPEAN ON CELESTIAL MECHANICS, WARSHAU, POLAND, 199?

SYMPOSIA OF IAU:

No Positional Astrometry, Sankt Petersburg, 1991?

No Celestial Mechanics, New Delhi, India, 1991?

INTERNATIONAL MEETINGS:

ASTEROIDS, COMETS, METEORS, Palermo, Italy, 2000?

ASTEROIDAL IMPACTS, Germany, 1999?

IMPACTS, Prague, Chez, 2001?

The XXth Conference on Theoretical Physics, Paris, France, 1998?

SCIENTIA EUROPEA , Paris, 1998?

EMPLOYMENT HISTORY:

Since May 1981 to present - *a researcher at the Institute of Astronomy, Bulgarian Academy of Sciences*

MEMBERSHIPS:

International Astronomical Union,
European Physical Society,
Bulgarian Physical Society,
COSPAR

CITATIONS:

Ivanova V., Dikova S., Shkodrov V., Umlensky V., Stoev A.

Observations Made at the Bulgarian National Observatory, Minor Planet Circulars, **14530 - 14533**, Cambridge, 1989.05./20: obs. 1988.10./16,17: 1988.11./11,12,13: 1989.01./10,11,15:

IN

1. *MPC 14 612, 1989.05./20 ast.1988.TF3 obs.1988.10./15,16: 1988.11./11,12:*
2. K. Nakano, Minor Planet circulars, 14621, Cambridge, 1989.05./20:
ast.1988 RR obs.1988.10./16:
3. *MPC 16 404, 1990.06./8 ast.1988 TF3 obs. 1988.11./11,12:*
4. *MPC 18 115, 1991.04./28 ast. 1988 YB obs. 1989.01./11*
5. *MPC 18 430, 1991.06./27 ast. 1988 TH1 obs. 1988.11./12:*

6. A. Kaneda, *Minor Planet Circulars*, 18815, Cambridge, 1991.09./23:
ast. 1988 VR5 obs. 1989.01./11
7. *MPC 20 815*, 1992.09./12 ast. 1988 TH1=1989 VU3 = WA7 obs. 1988.11./12:
- 8 *MPC 20 816*, 1992.09./12 ast. 1988 YB obs. 1989.01./11:
- 9 *MPC 20 925*, 1992.10./11 ast. 1988 VR5 obs. 1988.11./13:
10. *MPC 21 245*, 1992.12./9 ast. (5397) = 1988 VB5 obs. 1988.11./13:
11. *MPC 21 916*, 1933.04./6 ast. 1986 TH1=1989 WA7 obs. 1988.11./12:
12. *MPC 25 048*, 1995.04./15 ast. (6300) = 1988 YB obs. 1989.01./11:

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Observations Made at the Bulgarian National Observatory, *Minor Planet Circulars*, **14834 - 14835**, Cambridge, 1989.08./17:

observe 1988.10./15,16,17: 1988.11./12,13: 1989.01./11:

IN

13. *MPC 19 020*, 1991.10./23 ast. 1989 AK8 obs. 1989.01./11:
14. *MPC 20 140*, 1992.05./16 ast. 1988 UG1 obs. 1988.10./17:
15. *MPC 22 399*, 1993.08./2 ast. 1988 UX obs. 1988.10./16:
16. *MPC 24 891*, 1995.03./17 ast. (6267) 1987 SO9 obs. 1987.09./21,22:
17. G.V. Willams, *Minor planet Circulars*, 34256, Cambridge, 1999.04./2:
ast. 1988 TN3 obs. 1988.10./15:
18. G.V. Willams, *Minor planet Circulars*, 36305, Cambridge, 1999.10./26:
ast. 1988 UD1 obs. 1988.10./17:

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Observations Made at Bulgarian National Observatory *Minor Planet Circulars*, **14250 - 14256**, Cambridge, 1989.03./22:

observe. 1989.02./4,5,6: 1988 06./11: 07./12,13,16,17: 08./16
1988.09./10,11,12,14: 1988.10./14,15,16,17,18:

IN

19. Green, *Minor Planet Circulars*, 14335, Cambridge, 1989.03./22:
ast. 1985 UT4 obs. 1988.10./15
20. C. Bardwell, *Minor Planet Circulars*, 14356, Cambridge, 1989.03.22:
ast. 1989 AC observe 1989.02./4,5,6:
21. K. Nakano, *Minor Planet Circulars*, 14612, Cambridge, 1989.05./20:
ast. 1988 TF3 obs. 1988.10./15,16 : 1988.11./11,12:
22. *MPC 15 061*, 1989.09./15: observe 1989.02./4,5,6:
23. E. Bowell, *Minor Planet Circulars*, 15401, Cambridge, 1989.11./13:
ast. 1971 SN2 obs. 1988.10./15:
24. B. Marsden, *Minor Planet Circulars*, 15425, Cambridge, 1989.11./13:
ast. 1988 RS8 obs. 1988.09./12:
25. L. Kaneda, *Minor Planet Circulars*, 16238, Cambridge, 1990.04./10:
26. *MPC 16 404*, 1990.06./8 ast. 1988 TF3 obs. 1988.11./11,12:
27. *MPC 16 405*, 1990.06./8 ast. (4467) = 1975 VN2 obs. 1988.10./15,17:
28. *MPC 16 573*, 1990.07./8 (4546) 1988 RR8 obs. 1988.09./12: 1988.10./17:
29. *MPC 18 114*, 1991.04./28 ast. 1988 RK8 obs. 1988.09./11:
30. *MPC 18 226*, 1991.05./28 (4813) 1977 RR7 obs. 1988.10./15,16,17:
31. F. Williams, *Minor Planet Circulars*, 18439, Cambridge, 1991.07./27:
ast. 1988 RF8 obs. 1988.09./10

32. *MPC* 19 869, 1992.03./8 ast.1988 TD3 obs. 1988.10./15,17:
33. *MPC* 21 591, 1993.02./6 ast. 1988 RT8 obs. 1988.09./12:
34. *MPC* 24 722, 1995.02./15 ast.(6214) =1971 SN2 obs. 1988.10./15:
35. G.V. Williams, *Minor Planet Circulars*, 25943, Cambridge, 1995.11./7:
ast.1988 K8 obs. 1988.09./11: Disc. Shkodrov
36. *MPC* 30 437, 1997.08./18: ast. (7823) 1988 TD3 obs.1988.10./15,17:
37. *MPC* 30 664, 1997.09./16 ast.1988 NB1 obs.1988.07./13:
38. *MPC* 32 920, 1998.11./10 ast.1988 RQ8 obs. 1988.09./12,15,17:
39. B. Marsden, *Minor Planet Circulars*, 33909, Cambridge, 1999.03./2:
ast. 1988 (10214) RN8 obs.1988.09./11:
40. G.V. Williams, *Minor Planet Circulars*, 35911, Cambridge, 1999.09./28:
ast. 1988 RM8 obs.1988.09./11:
41. G.V. Williams, *Minor Planet Circulars*, 36235, Cambridge, 1999.10./26
ast. (11856)=1988 RM8 obs.1988.09./11:
- ? 42. G.V. Williams, *Minor Planet Circulars*, 36672, Cambridge, 1999
43. B. Marsden, *Minor Planet Circulars*, 37110, Cambridge, 1999.12./22:
ast.(12967) =1988 RS8 obs. 1988.09./12:
44. G.V. Williams, *Minor Planet Circulars*, 37549, Cambridge, 2000.01./24:
ast. (13233) =1988 TC3=1988 TV3 obs. 1988.10./15,16:
45. G.V. Williams, *Minor Planet Circulars*, 37624, Cambridge, 2000.01./24:
ast.1988 RH8 obs.1988.09./11:
46. G. V. Williams, *Minor Planet Circulars*, 38479, Cambridge, 2000.02./22:
ast. 1988 RP8 obs.1988.09./12:
47. *MPC* 40086, 2000.01./18 ast 1988 RO8 obs. 1988.09./12: