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Mark Lefler

Mark Lefler,

an American computer games and chess programmer. He is author of the computer chess program [Now](#) and with [Jeff Mallett](#) co-author of the [general game playing](#) program [Zillions of Games](#) ^[1] as well a co-founder of the *Zillions Development Corporation* ^[2]. In October 2013, [Don Dailey](#) introduced Mark Lefler as new member of the [Komodo](#) team ^[3].

Mark graduated in 1981 with a BS degree in Engineering Science and Mechanics from [Virginia Polytechnic Institute and State University](#). His non-computer interests include performing magic, music, and gaming ^[4]. Mark served as member of the [Secretariat](#) of [ICGA Investigations](#) in 2011, and superseded [Rémi Coulom](#) as Programmers Representative of the [ICGA](#) in November 2011. Mark founded this [Chess Programming Wiki](#) on October 26, 2007 ^[5].

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Photos

WCCC 1999



[Munjong & Muntsin Kolss](#) and [Mark Lefler](#), [WCCC 1999: Ikarus - Now](#) ^[6]

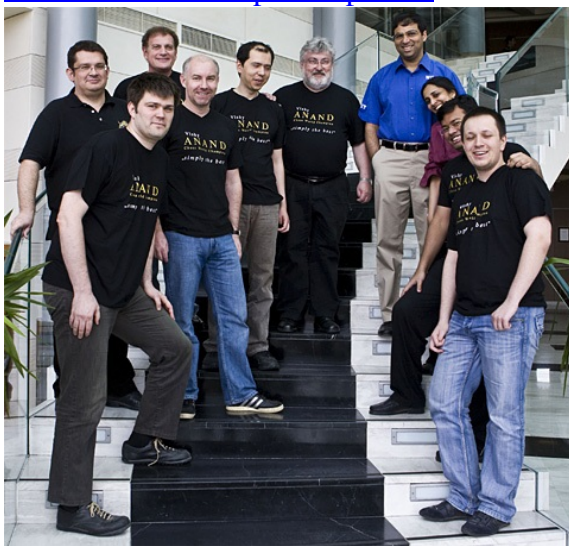
```
[Event "WCCC 1999"]
[Site "Paderborn, Germany"]
[Date "1999.06.19"]
[Round "7"]
[White "Ikarus"]
[Black "Now"]
[Result "0-1"]
```

```
1. e4 Nc6 2. d4 e6 3. Nf3 Nf6 4. e5 Nd5 5. c4 Nb6 6. Nc3 d6 7. exd6 cx
d6
8. Bd3 e5 9. O-
O exd4 10. Ne2 Bg4 11. Qe1 Ne5 12. Nexd4 Qe7 13. Qc3 Na4
```

14. Qc2 Nxd3 15. Qxd3 Nc5 16. Qa3 Qd7 17. h3 Bh5 18. b4 Ne6 19. Bb2 Be7
20. g4 Nxd4 21. Nxd4 Bg6 22. f4 f6 23. Rae1 O-O 24. Qe3 Rfe8 25. Qe6+ Qxe6
26. Nxe6 Rac8 27. f5 Bf7 28. Re4 b5 29. cxb5 Rc2 30. Rf2 Rxf2 31. Kxf2 d5
32. Re2 Bxb4 33. Bd4 Ra8 34. Nc7 Rc8 35. Na6 Bc3 36. Bxa7 Rc4 37. b6 Bd4+
38. Kf3 Rc3+ 39. Kg2 h5 40. Rb2 g5 41. a4 Ra3 42. Rb4 Ra2+ 43. Kf1 Be3
44. Nc7 hxg4 45. hxg4 Kf8 46. Bb8 d4 47. Ne6+ Bxe6 48. Bd6+ Kg7 49. fx
e6 Rf2+
50. Kg1 d3 51. b7 Rc2+ 52. Kf1 d2 53. Rd4 Bxd4 54. Ke2 Ba7 55. b8=R Bxb8
56. Bxb8 Kf8 57. a5 Ke7 58. Ba7 Kxe6 59. Be3 Ke5 60. a6 Ra2 61. a7 Ke4
62. Bf2 Kf4 63. Bd4 Kxg4 64. Bxf6 Rxa7 65. Kxd2 Rf7 0-1

Team Anand 2010

[World Chess Championship 2010](#)



Front row: [GM Peter Heine Nielsen](#), [Eric van Reem](#), [GM Rustam Kasimdzhanov](#), [Hans-Walter Schmitt](#), [Vishy Anand](#), [Aruna Anand](#), [GM Surya Ganguly](#), [GM Radoslaw Wojtaszek](#). Second row on the left: [Christian Bossert](#), [Mark Lefler](#) ^[7]

WCCC 2016



[WCCC 2016](#), [Komodo](#) team [Erdogan Günes](#) and [Mark Lefler](#) with the [Shannon Trophy](#) ^[8]

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- [Autoplay Interface?](#) by [Mark Lefler](#), [rgcc](#), May 21, 1996
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- [Simple NULL move enhancement, checks in qsearch](#) by [mjlef](#), [Winboard Forum](#), April 14, 2006 » [Null Move Pruning](#)
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- [FIDE's new rules for chess](#) by [Mark Lefler](#), [CCC](#), July 20, 2014

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- [Looking for PGN file tools](#) by [Mark Lefler](#), [CCC](#), September 04, 2015 » [PGN Utilities](#)
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External Links

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- [Die universelle Spiel-Engine Alle Brettspiele der Welt auf einer CD](#), [Computerschach und Spiele](#) from [zillions.de](#) (German)
- [Zillions of Games](#)

- [Komodo 8: about the authors](#), [ChessBase News](#), September 19, 2014
- [BBC - Future - The cyborg chess players that can't be beaten](#) by [Chris Baraniuk](#), December 04, 2015 » [David Levy](#), [Boris Alterman](#), [Shay Bushinsky](#), [Mark Lefler](#)
- [Interview with Robert Houdart, Mark Lefler and GM Larry Kaufman](#) by [Nelson Hernandez](#), [Chessdom](#), November 23, 2017 » [TCEC Season 10](#)

References

1. [^ Zillions of Games from Wikipedia](#)
2. [^ Zillions Development Corporation](#)
3. [^ Who is Don/Larry's new partner!?](#) by [Don Dailey](#), [CCC](#), October 08, 2013
4. [^ Who Are We?](#) - About the founders Mark Lefler and [Jeff Mallett](#) & others working for Zillions Development Corporation
5. [^ Re: community test result web page?](#) by [Mark Lefler](#), [CCC](#), October 26, 2007
6. [^ Photo from the no longer available ChessBase site](#)
7. [^ Anand in Playchess – on chess clusters and prep wars](#), [ChessBase news](#), May, 17, 2010
8. [^ ICGA Events 2016: Photos Day 7](#) by [Jan Krabbenbos](#)
9. [^ community test result web page?](#) by [Sam Hamilton](#), [CCC](#), October 25, 2007
10. [^ Moore's law from Wikipedia](#)
11. [^ 20 Years after Deep Blue: How AI Has Advanced Since Conquering Chess](#) by [Larry Greenemeier](#), [Scientific American](#), June 2, 2017

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