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MicroVax II <sup>[3]</sup>

### **Vaxchess,**

a chess program by [Tony Guilfoyle](#) and [Richard Hooker](#), running on a [MicroVAX II minicomputer](#). It had two [tournaments](#) in 1986, the [5th WCCC](#) in [Cologne](#), and the [17th ACM NACCC](#) in [Dallas](#). Vaxchess was written in [C](#) and [assembly](#) <sup>[1]</sup>, and searched about 1K [Nodes per second](#) <sup>[2]</sup>.

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## **Selected Games**

### **Vaxchess - Lachex**

The game [Vaxchess](#) vs [Lachex](#), round 3 <sup>[4]</sup>, [WCCC 1986](#) was mentioned by commentator [GM Vlastimil Hort](#), who announced three different Mate threats with no adequate defence, which somehow did not occur <sup>[5]</sup>:

```
[Event "WCCC 1986"]
[Site "Cologne, Germany"]
[Date "1986.06.13"]
[Round "3"]
[White "Vaxchess"]
[Black "Lachex"]
```

[Result "1/2-1/2"]

1.d4 d5 2.c4 e6 3.Nc3 Nf6 4.Bg5 Nbd7 5.e3 c6 6.Nf3 Qa5 7.cxd5 Nxd5 8.Qd2 Bb4  
9.Rc1 h6 10.Bf4 O-O 11.Bg3 c5 12.Bd3 f5 13.O-O cxd4 14.exd4 f4 15.Qe1 N7f6  
16.Bh4 g5 17.Bxg5 hxg5 18.Qe5 Nxc3 19.bxc3 Bxc3 20.Qxa5 Bxa5 21.Rc5 Bb4  
22.Re5 g4 23.Rg5+ Kf7 24.Ne5+ Ke8 25.Rc1 Kd8 26.Rg7 Ba3 27.Rb1 f3 28.Rb3 Bc1  
29.gxf3 gxf3 30.Nf7+ Ke7 31.Bg6 Nd5 32.Ne5+ Kf6 33.Rh7 a5 34.Rxf3+ Bf4 35.h4 Ra6  
36.Kf1 Rc6 37.Be4 Rc1+ 38.Ke2 Rg1 39.Bxd5 Kf5 40.Rh5+ Kf6 41.Be4 Kg7 42.Nd3 Bd6  
43.Rxf8 Kxf8 44.Rg5 Rxg5 45.hxg5 b6 46.g6 Ba6 47.a4 e5 48.dxe5 Bxe5 49.Ke3 Bc7  
50.f3 Bc8 51.Nf4 Bxf4+ 52.Kxf4 Bd7 53.Bc2 Kg7 54.Kg5 b5 55.axb5 Bxb5 56.f4 Bc4  
57.f5 Kg8 58.f6 Kf8 59.Kf4 Ke8 60.Ke5 Kf8 61.Kd4 Ba2 62.g7+ Kf7 63.Bh7 Kxf6  
64.g8=B Bxg8 1/2-1/2

## Vaxchess - Chat

[WCCC 1986](#), round 5, [Vaxchess - Chat](#) <sup>[6]</sup>

[Event "WCCC 1986"]  
[Site "Cologne, Germany"]  
[Date "1986.06.15"]  
[Round "5"]  
[White "Vaxchess"]  
[Black "Chat"]  
[Result "1/2-1/2"]

1.d4 Nf6 2.c4 g6 3.Nc3 Bg7 4.e4 d6 5.Be2 O-O 6.Be3 Nc6 7.Nf3 Ng4 8.Bg5 h6 9.Bh4  
Bd7 10.h3 Nf6 11.d5 Ne5 12.Qb3 Nxf3+ 13.Bxf3 b6 14.Rd1 e5 15.dxe6 Bc6  
16.e5 Bxf3 17.exf7+ Rxf7 18.gxf3 Qe8 19.f4 dxe5 20.f5 gxf5 21.Rg1 Qe6 22.Bxf6 Qxf6  
23.c5 Rd8 24.Rxd8+ Qxd8 25.Rg6 Qh4 26.cxb6 cxb6 27.Qd5 Qxh3 28.Rg3 Qh4 29.Qa8+  
Kh7 30.Qd5 Rc7 31.Qf3 f4 32.Qe4+ Kh8 33.Qa8+ Kh7 34.Qe4+ Kh8 35.Qa8+ Kh7  
3 6.Qe4+ 1/2-1/2

## External Links

- [Vaxchess' ICGA Tournaments](#)
- [MicroVAX from Wikipedia](#)

## References

1. [^ VAX Macro from Wikipedia](#)
2. [^ The ACM's Seventeenth North American Computer Chess Championship and The Sixth World Microcomputer Chess Championship](#) from [The Computer History Museum](#), [pdf](#)
3. [^ Die Oma lebt wieder! - Mutantenstadl](#) October 27, 2007 (German)
4. [^ Cologne 1986 - Chess - Round 3 - Game 8 \(ICGA Tournaments\)](#)
5. [^ Helmut Horacek \(1986\)](#). *The Fifth World Computer Chess Championship Cologne, 1986*, Research Unit for Information Science and Artificial Intelligence, [University of Hamburg](#), from [Kings Move - Welcome to the 1989 AGT World Computer Chess Championship](#). pg 21, [pdf](#) from [The Computer History Museum](#)
6. [^ Cologne 1986 - Chess - Round 5 - Game 8 \(ICGA Tournaments\)](#)

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