

Takashi Hikihara

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born August 9, 1958

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CID ID: // . /0000-0002-0029-4358

EDUCATION

.23, 1990 .D., E E
G E E
B F C G
.23, 1987 K ,G E ,D E E
D G C D

EXPERIENCES

. 2012 D E
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C K
E C K

J . 2012 ,K ,J
G E ,D E E
A E L .

A . 2001 J . 2012 ,K ,J
G E ,D E E
C & C L .

A . 1997 J . 2001 A ,K ,J

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Activities

2016 /1 2019/12 A B , .

2013 /5 2014/5 E , I E , I
C E (IEICE)

2012 /5 2013/5 - E
C E (IEICE)

2010 /5 2012 /5 - E , I
C E

2008 /5 2010 /5 ECC2009, I

2008 /5 2010 /5 I CIE, B A)

2007 /5 2009 /5 IEEJ, B C)

2006 /5 2008 /5 I CIE, B (A)

2006 /5 2007 /5 IEICE, G , C

2005 /9 2006 /9 L A2006, C , F C

2005 /5 2006 /5 IEICE, G

2004 /10 2006 /9 IEEJ, G F A

2004 /5 2006/4 IEEJ, IEEJ (E A)

2004 /3 2005 /9 I A (LDIA) 2005,
C

2004 /5 2004 /5 C , C

2002 /4 2002 /4 IEEJ G E
C

2001 /4 2002 /4 C C -

C
 1996/ 5 2002 /4 IEICE, G
 1996 /4 2001 /3 IEEJ, G
 1996 /4 1998/3 IEEJ C L
 1995 /5 1996 /4 IEICE K , C
 -C
 1995 /10 1996 /10 I I A
 C
 1994 /7 2008 /5 IEIC A , C
 1994 /7 1995 /12 I I A (L A)'95
 C
 1994 E ,I C E
 1996 /3 I L D I A C
 1994 /4 1996 /3 IEEJ, G I A L
 A
 1992 /4 1994/3 I E E ,J (IEEJ), G L
 ,A
 1987 /4 2002/8 J E ,B

Editorial Activities

2018 /12 IE ,E B J E .A E
 2015 /6 2019 /6 E - -C , L A, IEICE
 2010 /9 2014/12 J C ,E B
 2008 /5 2010/5 J ,C I , -E
 2008 /3 2010/12 E J C ,A E
 2006 /1 2008 /3 J C , , C ,A E
 2004 /5 2005 /10 IEICE, F E ,C C
 , L A04 ,A E
 2003 /5 2004 /9 IEICE F E ,C C
 F , L A03 ,A E
 2002 /4 2003 /5 IEICE F E ,C C
 , L A02 ,A E
 2001 /4 2002 /5 IEICE F E ,C C
 , L A01, A E
 1999 /9 2000 /10 IEICE F E ,C C
 , L A00, E B ,A E
 1999 /4 2003 /3 IEEJ, I A ,A E
 1998 /4 2002 /5 IEICE, F E ,C C
 ,A E
 1997 /4 1999 /3 I ,C , I E (I CIE), A E
 1995/10 1996 /10 IEICE F E ,C C

Invited Talk

1. [Redacted]
2. C I L [Redacted] C C [Redacted] A [Redacted] D [Redacted] 7-30 J [Redacted] K.
3. [Redacted] - [Redacted], A [Redacted] 2009, K L [Redacted] (2009).
4. D [Redacted] [Redacted] 30-J 5 (2008), I [Redacted], J [Redacted] 2008,
5. D [Redacted], ICA I [Redacted], A, [Redacted] 24-27 (2007).
6. I [Redacted] C [Redacted], I [Redacted] D (D 07), [Redacted] 28-J 1, 2007, [Redacted] 5.31).
7. C [Redacted] - [Redacted], C [Redacted] C [Redacted] A [Redacted], B [Redacted], CA, A (2007.5.25).
9. G [Redacted], L [Redacted] ([Redacted] ; [Redacted] .K [Redacted]), [Redacted] .9, 2005.
9. G [Redacted], L [Redacted] ([Redacted] ; [Redacted] .G [Redacted]), [Redacted] .7, 2005.
10. [Redacted], D [Redacted] ([Redacted] ; [Redacted] .J.H [Redacted]), D [Redacted] .13, 2002.

AWARDS

1. 2019 B A 2019, I [Redacted]
2. 2015 I CIE, B A [Redacted]
3. 2015 B A 2015, [Redacted] K
4. 2015 B A 2015, D I [Redacted]
5. 2013 I CIE, B A 2013
6. 2011 F [Redacted], IEICE
7. 2011 C I A [Redacted], IEICE-E
8. 2009 I CIE, B A 2009
9. 2008 ACC2008, B A
10. 2005 IEEJ, IA A A
11. 2001 A
12. 1993
13. IEEJ K [Redacted],

Institute

A [Redacted], IA [Redacted], IEEE, IEEJ, IEICE, I CIE, ICE

Publications

Books

1. D [redacted], E. B [redacted], G., [redacted], B [redacted], [redacted], H G [redacted]
2. H [redacted] H G [redacted]
3. C [redacted] (2000)
4. [redacted]
5. L [redacted] B (J [redacted])

Published Paper (Reviewed)

1. H. H [redacted], J. K [redacted], C [redacted] - E [redacted] H [redacted], 10, 101004 (2019). :10.1115/1 [redacted]
2. F. [redacted], [redacted] A [redacted], . A [redacted] 12 [redacted] (2019).
3. [redacted]; [redacted], . H [redacted] / 94, 1-9 (2019).
4. . K [redacted], . H [redacted] E [redacted] D C [redacted] D [redacted] . A, . J102 A [redacted] (J [redacted])
5. . A [redacted] E [redacted], . 32, . 4, 137-144 (2019). (J [redacted] .137
6. [redacted] J C [redacted] 47, I [redacted]
7. [redacted] /10.1002/ .2603
8. [redacted] L A, IEICE [redacted] 1-139 (20 [redacted]) C [redacted] " [redacted], I [redacted] J C [redacted] A [redacted], D I: 10.1002/ .2556.
9. [redacted], A [redacted], . H [redacted], . A, 474-20170552 (2018). D I: 10.1098/ .2017.0552.
10. [redacted], . H [redacted], "D [redacted], L A, IEICE, . 9 I 3, . 374-381 (2018). :// . /10.1587/ .9.374

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13). D I: 10.1109/ EL.2018.2805808

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26. K , H , L A, 380, 2823-2827(2016).
27. , D "IEICE" 2584(2016).
28. D I E , 63(12), 7653-7660
D I: 10.1109/
29. EICE, 7(4), 430-459 (2016).
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31. A , H , A C , IEICE B (2016).
D I: 10.1109/16EB.0005
32. - C (D I).
33. K E . 1537-1539 (2015).
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35. A. K , D , H , - C -G A , E , 8, 3034-3046 (2015).
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39. K , H , "E D , I J D C , D I 10.1007/ 40435-014-0124-3.
40. , H , A A E , IEICE . A, J97-A, . 9, (2014) 584-592. (J)
41. A. K . HI , H C AC/AC C F C , IEICE F C C , . E97-A, . 3, (2014) 840-847.
42. , K , H , AC L E , 6(12), (2013) 6293-6303.
43. A . H , C L A 377, I 38, (2013) 2551-2555.

44. [REDACTED] H [REDACTED] F E [REDACTED] C [REDACTED] E96-A [REDACTED] 8, (2013) 1703-1711.
45. [REDACTED] I K D [REDACTED] .241, .1 (2013) 736-743.
46. [REDACTED] J [REDACTED] I A [REDACTED] IEICE, .4, .3 (2013) 284-298.
47. [REDACTED] : [REDACTED] IEEJ I A [REDACTED] .133, (2013) 685-691. (J)
48. [REDACTED] K [REDACTED] H E [REDACTED] I A, IEICE, .3, .2 (2012) .233-245.
49. [REDACTED] I [REDACTED] E [REDACTED] I [REDACTED] .5, .7, (2012) 2141-2149, :10.3390/ 5072141.
50. A [REDACTED] [REDACTED] [REDACTED] 1230-1236.
51. [REDACTED] H [REDACTED] C [REDACTED] FE [REDACTED] .52, 9 10 (2012) 2414 2419,
52. [REDACTED] [REDACTED] [REDACTED] [REDACTED] IEICE .9, .14, (2012) 1230-1236.
53. [REDACTED] C D G [REDACTED] I CIE, .25, .10, (2012) 25 [REDACTED]
54. [REDACTED] E [REDACTED] I [REDACTED] .5(7), 2141-2149 (2012), :10.3390/ 5072141.
55. [REDACTED] E [REDACTED] [REDACTED] L A, IEICE .3, .2 .233-245 (2012).
56. [REDACTED] H [REDACTED] F [REDACTED] D [REDACTED] IEICE EA E95-A (2), 613-616.
57. [REDACTED] H H A [REDACTED] I L [REDACTED] B [REDACTED] F [REDACTED] C [REDACTED] J [REDACTED] ,331(5), 1127-1142, F [REDACTED]
58. [REDACTED] J.K H.E [REDACTED] [REDACTED] H [REDACTED] A A D G [REDACTED] H [REDACTED] IEEE, 100 (1), .225-239, (2012).
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61. [REDACTED] H H C [REDACTED] A [REDACTED] IEICE, 2(3), 347-362, J (2011).

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134. [Redacted]. H. [Redacted], H. K. [Redacted]
L. [Redacted] L. [Redacted], [Redacted], 12 [Redacted]. 1194-1199 (19 [Redacted])
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B. [Redacted] E. [Redacted] *Trans. on IE* [Redacted] (1992).
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137. [Redacted]. H. [Redacted], [Redacted]. H. [Redacted], [Redacted]. H. [Redacted]
L. [Redacted] I. [Redacted], *Trans. IEE, Japan* [Redacted] 1099 (1990) (J [Redacted]).
) C [Redacted] L I [Redacted]
E E [Redacted]
138. [Redacted]. H. [Redacted] A [Redacted]
F [Redacted] 2193 (1988).
139. [Redacted] *Oscil* [Redacted] *Linear Problem* [Redacted]
F [Redacted]. A. [Redacted], IA [Redacted], 128-137 [Redacted]
140. [Redacted]. H. [Redacted], [Redacted]. C. [Redacted], [Redacted]
B [Redacted] F [Redacted]
C E [Redacted], *Trans. IEE, Japan* [Redacted] (1988) (J [Redacted]).
141. [Redacted]. H. [Redacted], [Redacted], C. [Redacted] G [Redacted]
C [Redacted], *Trans. IEE, Japan* [Redacted] 1056 (1987) (J [Redacted]).
142. [Redacted]. H. [Redacted], [Redacted], C. [Redacted], B [Redacted] F [Redacted] G [Redacted]
-- C [Redacted] E [Redacted] --, *Trans. IEE, Japan*, .107-D, .5,
628-634 (1987) (J [Redacted]).

Con

1. [REDACTED] DC DC/DC [REDACTED] C E A [REDACTED]
2. .H [REDACTED] (2019).
3. [REDACTED] 23 (2019).
4. [REDACTED] .H [REDACTED] , IEEE 3 ICDC [REDACTED] 23 (2019).
5. .B [REDACTED] , H.A [REDACTED] .H [REDACTED] , C [REDACTED] -B D C [REDACTED] @ [REDACTED] .
[REDACTED] , IJKCC 2018, [REDACTED] , K J .6-8 (2019).
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I C [REDACTED] E C [REDACTED] , [REDACTED] .9-11,
(2018).
7. .K [REDACTED] , .H [REDACTED] , "E - -D [REDACTED] D
L " , IEEE [REDACTED] C [REDACTED] , [REDACTED] ,
[REDACTED] , I [REDACTED]
8. [REDACTED] , A [REDACTED] D
[REDACTED] 2018 I [REDACTED] I A [REDACTED] , L A2018,
[REDACTED] 37, [REDACTED] , [REDACTED] 2-6 (2018)
9. [REDACTED] .H [REDACTED] ,
AC/ACC [REDACTED] C
[REDACTED] , 2018 I [REDACTED] I A [REDACTED] , L A2018, .491-
494, [REDACTED] , [REDACTED] 2-6 (2018).
10. H.A [REDACTED] .H [REDACTED] , A [REDACTED]

16. [REDACTED], A [REDACTED] 17, C [REDACTED],
[REDACTED], D [REDACTED]
17. [REDACTED], D [REDACTED], D [REDACTED].4-7 (2017).
18. H [REDACTED], D [REDACTED].4-7 (2017).
19. [REDACTED] D [REDACTED] C [REDACTED] C BD H
[REDACTED] C [REDACTED], 2017 I [REDACTED] C
D [REDACTED], -5-04, [REDACTED].21 (2017).
20. [REDACTED] B [REDACTED] F B
[REDACTED] (2017).
21. [REDACTED], A [REDACTED], I ELEC2017, G [REDACTED] F [REDACTED]
22. [REDACTED].H [REDACTED], [REDACTED] JCA 2017, [REDACTED], 22 (2017).
23. [REDACTED].A [REDACTED].H [REDACTED] I [REDACTED] JCA 2017, [REDACTED], 2B-2, A [REDACTED] 22 (2017)
24. K. H [REDACTED], [REDACTED] F C [REDACTED] 22 (2017)
25. [REDACTED], H [REDACTED] C [REDACTED]
26. [REDACTED] C [REDACTED] D [REDACTED]
27. [REDACTED], C [REDACTED] A [REDACTED], 2017 IA [REDACTED] C [REDACTED] D
120, B [REDACTED] 21 [REDACTED] D [REDACTED]
28. [REDACTED], [REDACTED] C -EI [REDACTED] D [REDACTED]
29. [REDACTED] B [REDACTED], 2017 IA [REDACTED] C [REDACTED] 120 [REDACTED] (2017).
30. F. [REDACTED] D [REDACTED] D [REDACTED] A, D .14
31. [REDACTED] (K [REDACTED] ([REDACTED]),
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PhD Students

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G - -A (C) 10650276 3,500 K

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G - -A (C) 12650276 3,500K

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G - -A (C) 14550264 2,900K

D DC

2006.4 - 2008.3

G - -A (B) 18360137 18,590K

D I C

2009.4 - 2011.3

G - -A E 21656074 3,380K

D / -

2014.4 - 2017.3

G - -A E 26630176 3,770K

D

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1992.4 - 1993.3

G - -A (C) 04650285

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G - -A (C) 09650441

F

2000.4 - 2002.3

G - -A (C) 12834006

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G - -A (C)(1) 12895006

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G - -A E

16656089

D

3. G

2008.10 - 2013.3

K C E) 69,800K

2009.9 - 2014.3

IC #142 85,000K

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2011.10 - 2012.9

A L C (ALCA)(J) 4,680K

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2013.12 - 2018.3

K A C (J) 42,700K

C H - E C L -

L

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I I 19,840K

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C

2018.10

I II

25,000K

4. F

2002.4 - 2003.3

I F

2,000K

D

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F

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CA I CIE CE

D

I F DA I

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