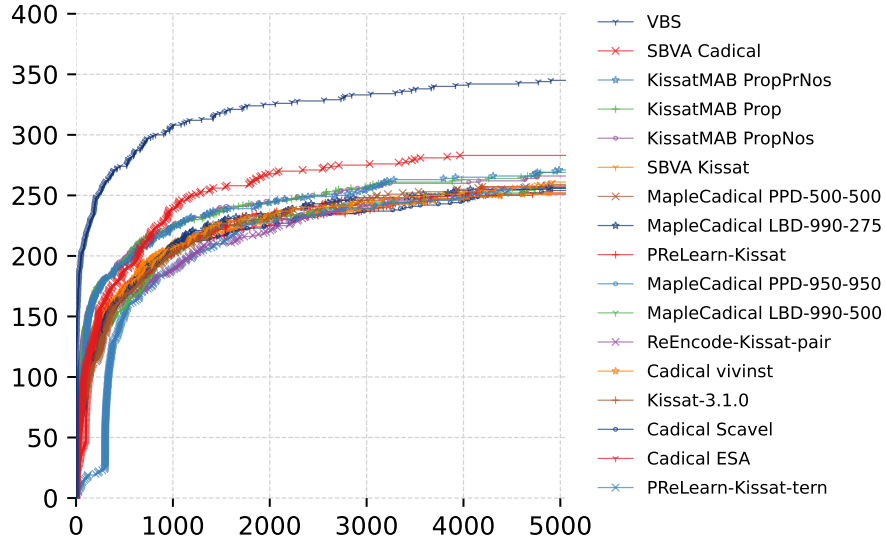


SAT Competition 2023

Markus Iser

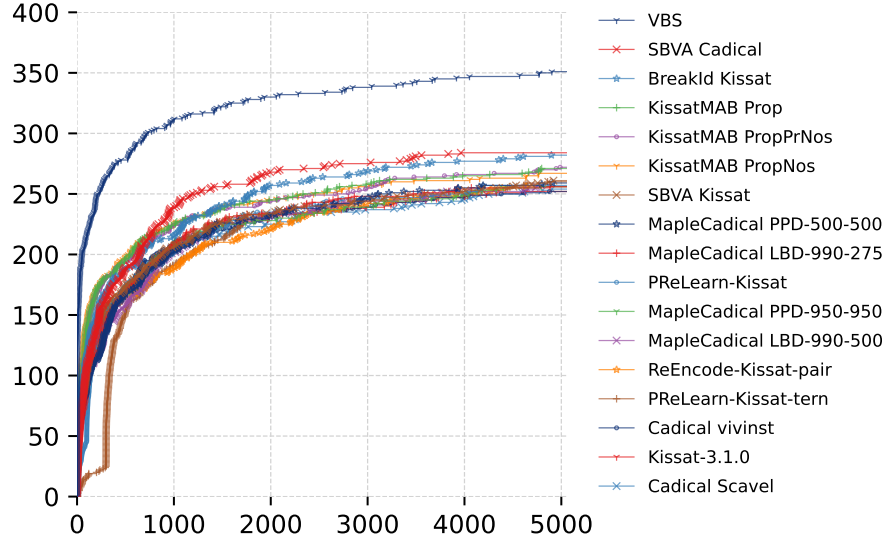
1 Main Track



| K | Portfolio | Score |
|---|---|---------|
| 1 | SBVA Cadical | 3274.01 |
| 1 | KissatMAB PropPrNos | 3596.73 |
| 1 | KissatMAB Prop | 3614.43 |
| 2 | SBVA Cadical,KissatMAB PropPrNos | 2434.72 |
| 2 | SBVA Cadical,KissatMAB PropNos | 2476.09 |
| 2 | KissatMAB Prop,SBVA Cadical | 2493.26 |
| 3 | SBVA Cadical,BreakId Kissat,KissatMAB PropPrNos | 2138.96 |
| 3 | SBVA Cadical,BreakId Kissat,KissatMAB PropNos | 2181.49 |
| 3 | BreakId Kissat,KissatMAB PropPrNos,AMSAT | 2187.33 |

| Family | # | SBVA Cadical | BreakId Kissat | KissatMAB PropPrNos | VBS |
|-----------------------|-----|-----------------|-------------------|------------------------|---------|
| Interval Matching | 20 | 10000.00 | 10000.00 | 0.15 | 0.15 |
| Random XOR | 5 | 21.82 | 103.93 | 10000.00 | 21.82 |
| Hashtable Safety | 20 | 797.46 | 10000.00 | 194.75 | 194.75 |
| Satcoin | 15 | 1395.53 | 10000.00 | 10000.00 | 1395.53 |
| Set Covering | 20 | 722.01 | 262.39 | 5761.57 | 188.29 |
| Cryptography (ascon) | 20 | 356.82 | 2673.77 | 5628.35 | 303.19 |
| GRS FP Comm | 17 | 3649.90 | 8258.64 | 3435.82 | 3264.65 |
| Reg-N | 5 | 10000.00 | 10000.00 | 6295.16 | 6295.16 |
| Mutilated Chessboard | 12 | 3194.54 | 5135.77 | 1656.50 | 1637.26 |
| Production (prp) | 20 | 2470.42 | 5031.37 | 3946.63 | 2345.94 |
| Hardware Verification | 8 | 2832.05 | 3964.51 | 1558.52 | 1535.99 |
| Register Allocation | 20 | 101.20 | 2016.39 | 5.50 | 5.23 |
| Tseitin | 11 | 8196.91 | 6393.20 | 8193.40 | 6382.41 |
| Social Golfer | 20 | 7555.16 | 9013.05 | 7665.62 | 7118.31 |
| Miscellaneous | 70 | 3164.75 | 3918.52 | 2563.98 | 1301.94 |
| Pigeon Hole | 8 | 5261.85 | 5128.03 | 6381.16 | 5125.58 |
| School Timetabling | 19 | 1399.65 | 2371.42 | 1266.09 | 1144.49 |
| Brent Equations | 19 | 232.86 | 1133.50 | 408.33 | 157.24 |
| Miter | 11 | 3134.91 | 3723.05 | 3157.68 | 3100.77 |
| Argumentation | 20 | 3693.93 | 3820.58 | 4144.27 | 3507.15 |
| All | 400 | 3274.01 | 4913.32 | 3596.73 | 2138.96 |

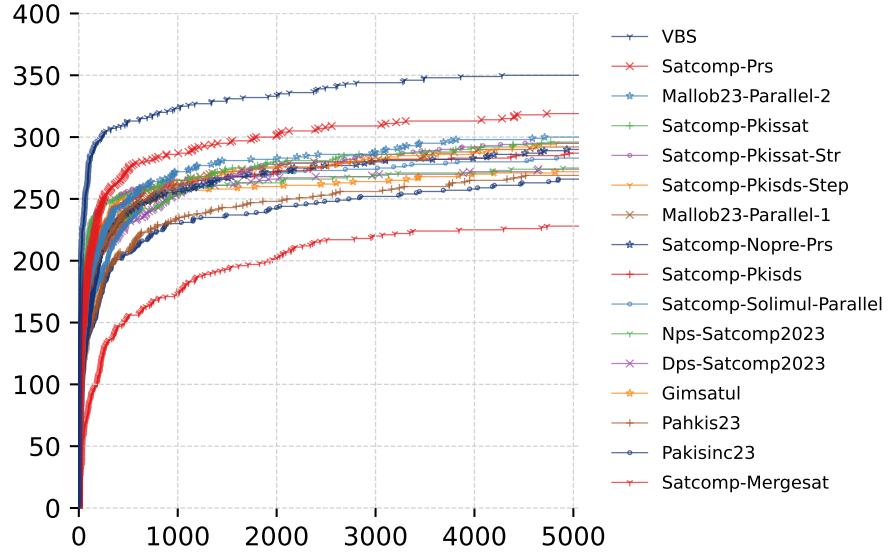
2 Special Track



| K | Portfolio | Score |
|---|---|---------|
| 1 | SBVA Cadical | 3257.62 |
| 1 | BreakId Kissat | 3376.88 |
| 1 | KissatMAB Prop | 3575.78 |
| 2 | BreakId Kissat,KissatMAB PropPrNos | 2192.67 |
| 2 | BreakId Kissat,KissatMAB PropNos | 2233.91 |
| 2 | BreakId Kissat,KissatMAB Prop | 2283.26 |
| 3 | BreakId Kissat,KissatMAB PropPrNos,Cadical Scavel | 2015.44 |
| 3 | BreakId Kissat,KissatMAB PropPrNos,SBVA Cadical | 2029.28 |
| 3 | BreakId Kissat,KissatMAB PropPrNos,MinisatXor | 2030.71 |

| Family | # | BreakId Kissat | KissatMAB PropPrNos | Cadical Scavel | VBS |
|-----------------------|-----|-------------------|------------------------|-------------------|---------|
| Interval Matching | 20 | 10000.00 | 0.15 | 10000.00 | 0.15 |
| Random XOR | 5 | 103.93 | 10000.00 | 10000.00 | 103.93 |
| Register Allocation | 20 | 892.52 | 5.50 | 9135.93 | 5.23 |
| Satcoin | 15 | 1421.87 | 10000.00 | 7446.36 | 1421.87 |
| Set Covering | 20 | 262.39 | 5761.57 | 218.58 | 39.28 |
| Cryptography (ascon) | 20 | 800.41 | 5628.35 | 404.02 | 310.49 |
| Reg-N | 5 | 10000.00 | 6295.16 | 10000.00 | 6295.16 |
| Mutilated Chessboard | 12 | 4240.09 | 1656.50 | 3138.80 | 1637.72 |
| Production (prp) | 20 | 5031.37 | 3946.63 | 2468.35 | 2366.83 |
| Tseitin | 11 | 5772.63 | 8193.40 | 8199.26 | 5761.84 |
| Hashtable Safety | 20 | 1700.77 | 194.75 | 478.24 | 194.75 |
| Social Golfer | 20 | 9013.05 | 7665.62 | 7522.35 | 6965.92 |
| Pigeon Hole | 8 | 5128.03 | 6381.16 | 6482.43 | 5125.58 |
| Hardware Verification | 8 | 2865.77 | 1558.52 | 2851.32 | 1535.58 |
| School Timetabling | 19 | 2371.42 | 1266.09 | 2345.57 | 1252.68 |
| Miscellaneous | 70 | 1964.08 | 2470.82 | 2921.43 | 814.58 |
| Argumentation | 20 | 3447.39 | 4144.27 | 3698.40 | 3442.33 |
| Brent Equations | 19 | 698.16 | 408.33 | 154.07 | 134.86 |
| GRS FP Comm | 17 | 3865.34 | 3435.82 | 3752.92 | 3333.93 |
| Cryptography (simon) | 17 | 10000.00 | 10000.00 | 9700.12 | 9700.12 |
| All | 400 | 3376.88 | 3580.43 | 4050.95 | 2015.44 |

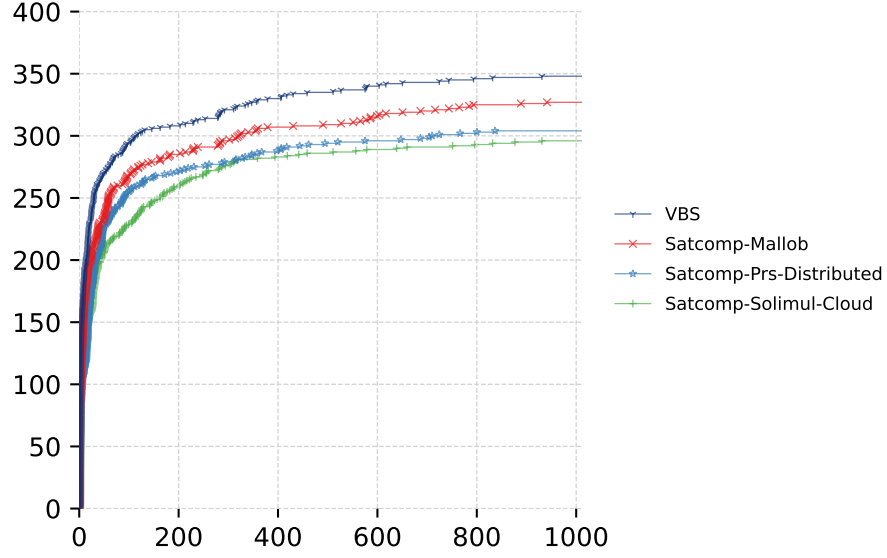
3 Parallel Track



| K | Portfolio | Score |
|---|--|---------|
| 1 | Satcomp-Prs | 2272.36 |
| 1 | Mallob23-Parallel-2 | 2746.30 |
| 1 | Satcomp-Pkissat | 2824.57 |
| 2 | Satcomp-Prs,Satcomp-Solimul-Parallel | 1753.14 |
| 2 | Satcomp-Prs,Mallob23-Parallel-2 | 1995.49 |
| 2 | Satcomp-Prs,Mallob23-Parallel-1 | 2005.57 |
| 3 | Satcomp-Prs,Satcomp-Solimul-Parallel,Mallob23-Parallel-2 | 1601.26 |
| 3 | Satcomp-Prs,Satcomp-Solimul-Parallel,Pakisinc23 | 1606.04 |
| 3 | Satcomp-Prs,Satcomp-Solimul-Parallel,Mallob23-Parallel-1 | 1611.61 |

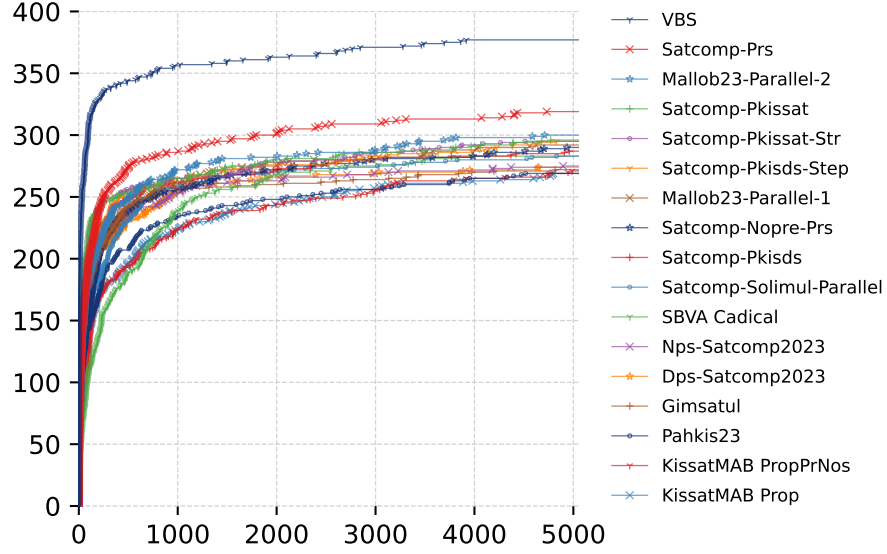
| Family | # | Satcomp- Prs | Satcomp- Solimul- Parallel | Mallob23- Parallel-2 | VBS |
|----------------------|-----|-----------------|----------------------------------|-------------------------|---------|
| Cryptography (simon) | 17 | 135.11 | 10000.00 | 6513.00 | 134.16 |
| Brent Equations | 19 | 56.24 | 7938.39 | 24.31 | 16.81 |
| Register Allocation | 20 | 5377.30 | 0.65 | 5893.85 | 0.50 |
| Tseitin | 11 | 5455.00 | 4547.65 | 8182.49 | 4546.00 |
| Reg-N | 5 | 6390.66 | 10000.00 | 10000.00 | 6390.66 |
| Interval Matching | 20 | 6132.25 | 7284.54 | 9343.68 | 6030.27 |
| Mutilated Chessboard | 12 | 2036.12 | 4669.87 | 2903.16 | 2036.12 |
| Random XOR | 5 | 6718.45 | 6867.66 | 8662.74 | 6718.45 |
| Miter | 11 | 71.24 | 1371.79 | 1967.97 | 70.47 |
| Cryptography | 7 | 318.39 | 1682.07 | 44.88 | 29.52 |
| School Timetabling | 19 | 1069.50 | 2623.81 | 1082.59 | 1069.33 |
| Social Golfer | 20 | 6115.92 | 4921.39 | 4962.76 | 3116.56 |
| Argumentation | 20 | 2774.30 | 2642.09 | 1799.18 | 1799.18 |
| Miscellaneous | 70 | 1568.32 | 2346.87 | 1425.17 | 1322.29 |
| GRS FP Comm | 17 | 3090.59 | 2942.88 | 2189.86 | 2116.05 |
| Pigeon Hole | 8 | 5254.40 | 4362.69 | 5125.59 | 3875.36 |
| Production (prp) | 20 | 4258.92 | 5069.25 | 4181.02 | 4130.28 |
| Set Covering | 20 | 681.03 | 0.86 | 31.48 | 0.86 |
| Hashtable Safety | 20 | 79.33 | 396.59 | 243.64 | 79.33 |
| Cryptography (ascon) | 20 | 334.97 | 64.44 | 210.24 | 62.57 |
| All | 400 | 2272.36 | 3151.92 | 2746.30 | 1601.26 |

4 Cloud Track



| Family | # | Satcomp-Solimul-Cloud | Satcomp-Prs-Distributed | Satcomp-Mallob | VBS |
|----------------------|-----|-----------------------|-------------------------|----------------|---------|
| Brent Equations | 19 | 1480.59 | 8.38 | 5.71 | 5.71 |
| Cryptography (simon) | 17 | 1909.33 | 1260.30 | 691.30 | 546.95 |
| Register Allocation | 20 | 2.76 | 1054.72 | 401.06 | 1.48 |
| Random XOR | 5 | 2000.00 | 1249.63 | 1370.63 | 1249.63 |
| Reg-N | 5 | 2000.00 | 1312.92 | 2000.00 | 1312.92 |
| Mutilated Chessboard | 12 | 1027.53 | 382.13 | 615.88 | 382.13 |
| Miter | 11 | 268.85 | 752.75 | 264.18 | 254.36 |
| Production (prp) | 20 | 1013.23 | 604.93 | 811.07 | 528.19 |
| Social Golfer | 20 | 680.84 | 967.14 | 617.53 | 501.91 |
| GRS FP Comm | 17 | 428.24 | 654.99 | 334.69 | 219.55 |
| Pigeon Hole | 8 | 762.92 | 1028.55 | 804.41 | 554.72 |
| Satcoin | 15 | 270.67 | 25.16 | 35.59 | 24.05 |
| Argumentation | 20 | 328.39 | 558.87 | 431.58 | 326.34 |
| All | 400 | 573.53 | 530.92 | 426.10 | 313.10 |

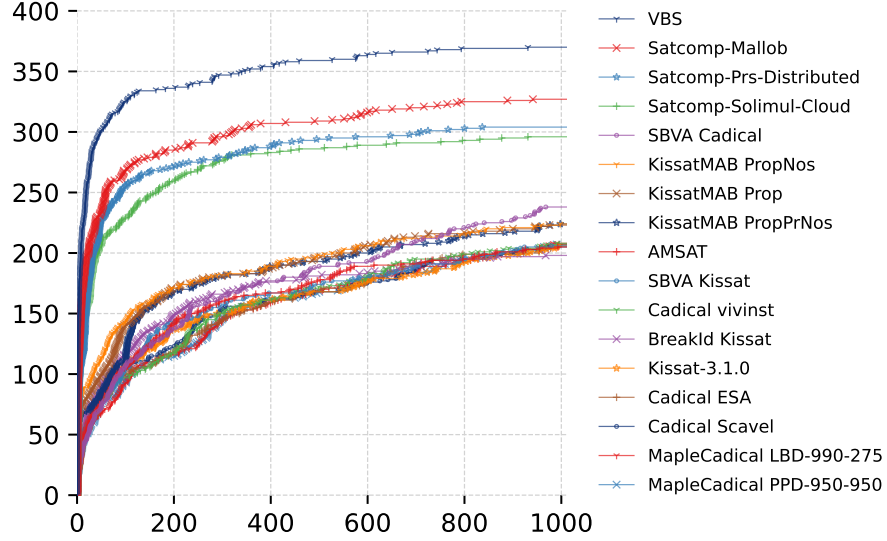
5 Main and Parallel Track



| K | Portfolio | Score |
|---|---|---------|
| 1 | Satcomp-Prs | 2272.36 |
| 1 | Mallob23-Parallel-2 | 2746.30 |
| 1 | Satcomp-Pkissat | 2824.57 |
| 2 | Satcomp-Prs,KissatMAB Prop | 1522.32 |
| 2 | Satcomp-Prs,KissatMAB PropPrNos | 1634.88 |
| 2 | Satcomp-Prs,KissatMAB PropNos | 1653.35 |
| 3 | Satcomp-Prs,KissatMAB Prop,Mallob23-Parallel-2 | 1291.29 |
| 3 | Satcomp-Prs,KissatMAB Prop,Satcomp-Solimul-Parallel | 1291.46 |
| 3 | Satcomp-Prs,BreakId Kissat,KissatMAB PropPrNos | 1307.58 |

| Family | # | Satcomp- Prs | KissatMAB Prop | Mallob23- Parallel-2 | VBS |
|-----------------------|-----|-----------------|-------------------|-------------------------|---------|
| Cryptography (simon) | 17 | 135.11 | 10000.00 | 6513.00 | 134.16 |
| Satcoin | 15 | 136.45 | 10000.00 | 258.36 | 136.45 |
| Interval Matching | 20 | 6132.25 | 0.15 | 9343.68 | 0.15 |
| Random XOR | 5 | 6718.45 | 37.97 | 8662.74 | 37.97 |
| Set Covering | 20 | 681.03 | 6295.02 | 31.48 | 31.11 |
| Register Allocation | 20 | 5377.30 | 84.03 | 5893.85 | 84.02 |
| Cryptography (ascon) | 20 | 334.97 | 5640.85 | 210.24 | 193.75 |
| Social Golfer | 20 | 6115.92 | 8586.02 | 4962.76 | 4923.69 |
| Reg-N | 5 | 6390.66 | 6624.64 | 10000.00 | 6390.66 |
| Miter | 11 | 71.24 | 3073.39 | 1967.97 | 69.62 |
| Tseitin | 11 | 5455.00 | 8223.47 | 8182.49 | 5454.97 |
| Argumentation | 20 | 2774.30 | 4002.45 | 1799.18 | 1799.18 |
| Cryptography | 7 | 318.39 | 1544.39 | 44.88 | 29.52 |
| Hardware Verification | 8 | 1320.39 | 2637.18 | 1401.50 | 1320.16 |
| Miscellaneous | 70 | 1568.32 | 2625.43 | 1425.17 | 1278.03 |
| Brent Equations | 19 | 56.24 | 1198.92 | 24.31 | 18.49 |
| GRS FP Comm | 17 | 3090.59 | 3112.63 | 2189.86 | 1822.06 |
| Mutilated Chessboard | 12 | 2036.12 | 2690.78 | 2903.16 | 2036.12 |
| Pigeon Hole | 8 | 5254.40 | 5497.14 | 5125.59 | 4278.67 |
| Production (prp) | 20 | 4258.92 | 3957.86 | 4181.02 | 3315.14 |
| School Timetabling | 19 | 1069.50 | 1292.04 | 1082.59 | 1069.33 |
| All | 400 | 2272.36 | 3614.43 | 2746.30 | 1291.29 |

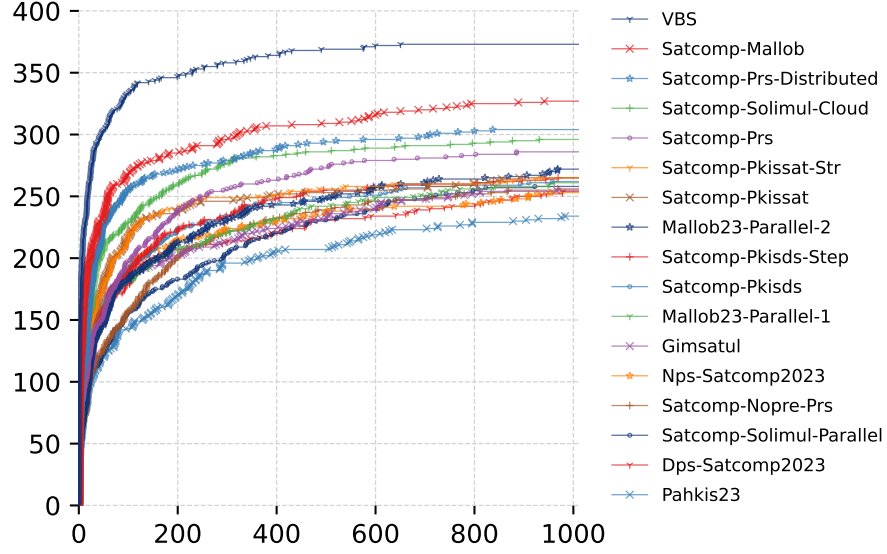
6 Main and Cloud Track



| K | Portfolio | Score |
|---|---|--------|
| 1 | Satcomp-Mallob | 426.10 |
| 1 | Satcomp-Prs-Distributed | 530.92 |
| 1 | Satcomp-Solimul-Cloud | 573.53 |
| 2 | Satcomp-Mallob,KissatMAB Prop | 290.10 |
| 2 | Satcomp-Mallob,KissatMAB PropNos | 304.80 |
| 2 | Satcomp-Mallob,KissatMAB PropPrNos | 305.17 |
| 3 | Satcomp-Mallob,Satcomp-Prs-Distributed,KissatMAB Prop | 241.46 |
| 3 | Satcomp-Mallob,KissatMAB PropNos,BreakId Kissat | 250.82 |
| 3 | Satcomp-Mallob,KissatMAB PropPrNos,BreakId Kissat | 250.94 |

| Family | # | Satcomp- Mallob | Satcomp- Prs- Distributed | KissatMAB Prop | VBS |
|-----------------------|-----|--------------------|---------------------------------|-------------------|---------|
| Satcoin | 15 | 35.59 | 25.16 | 2000.00 | 24.05 |
| Set Covering | 20 | 2.17 | 27.49 | 1738.57 | 2.17 |
| Cryptography (ascon) | 20 | 31.86 | 12.89 | 1578.49 | 12.66 |
| Interval Matching | 20 | 1537.87 | 1535.11 | 0.15 | 0.15 |
| Random XOR | 5 | 1370.63 | 1249.63 | 37.97 | 37.97 |
| Cryptography (simon) | 17 | 691.30 | 1260.30 | 2000.00 | 566.11 |
| Argumentation | 20 | 431.58 | 558.87 | 1717.22 | 331.69 |
| Social Golfer | 20 | 617.53 | 967.14 | 1813.72 | 586.37 |
| Register Allocation | 20 | 401.06 | 1054.72 | 102.73 | 0.25 |
| GRS FP Comm | 17 | 334.69 | 654.99 | 1273.61 | 219.83 |
| Reg-N | 5 | 2000.00 | 1312.92 | 1789.21 | 1312.92 |
| Brent Equations | 19 | 5.71 | 8.38 | 612.92 | 5.69 |
| Tseitin | 11 | 1091.65 | 1092.03 | 1678.02 | 909.89 |
| Pigeon Hole | 8 | 804.41 | 1028.55 | 1343.75 | 804.28 |
| Hardware Verification | 8 | 104.87 | 285.47 | 637.18 | 104.87 |
| Miter | 11 | 264.18 | 752.75 | 794.82 | 264.18 |
| Miscellaneous | 70 | 299.81 | 370.56 | 801.15 | 231.91 |
| Cryptography | 7 | 13.30 | 17.66 | 401.53 | 13.06 |
| Production (prp) | 20 | 811.07 | 604.93 | 968.62 | 528.19 |
| Mutilated Chessboard | 12 | 615.88 | 382.13 | 690.78 | 382.13 |
| School Timetabling | 19 | 221.06 | 227.08 | 425.73 | 221.06 |
| All | 400 | 426.10 | 530.92 | 969.53 | 241.46 |

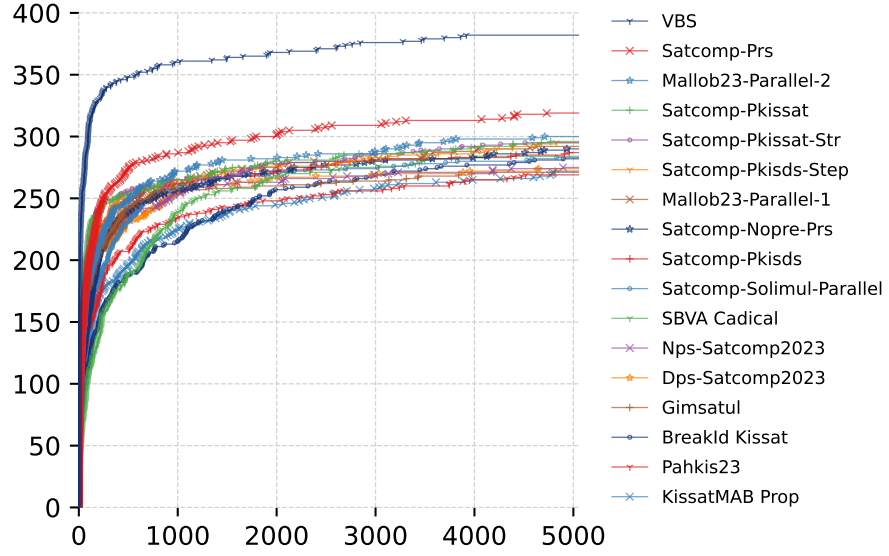
7 Main, Parallel and Cloud Track



| K | Portfolio | Score |
|---|---|--------|
| 1 | Satcomp-Mallob | 426.10 |
| 1 | Satcomp-Prs-Distributed | 530.92 |
| 1 | Satcomp-Solimul-Cloud | 573.53 |
| 2 | Satcomp-Mallob,KissatMAB Prop | 290.10 |
| 2 | Satcomp-Mallob,KissatMAB PropNos | 304.80 |
| 2 | Satcomp-Mallob,KissatMAB PropPrNos | 305.17 |
| 3 | Satcomp-Mallob,Satcomp-Prs-Distributed,KissatMAB Prop | 241.46 |
| 3 | Satcomp-Mallob,KissatMAB Prop,Satcomp-Prs | 242.99 |
| 3 | Satcomp-Mallob,KissatMAB PropNos,BreakId Kissat | 250.82 |

| Family | # | Satcomp- Mallob | Satcomp- Prs- Distributed | KissatMAB Prop | VBS |
|-----------------------|-----|--------------------|---------------------------------|-------------------|---------|
| Satcoin | 15 | 35.59 | 25.16 | 2000.00 | 24.05 |
| Set Covering | 20 | 2.17 | 27.49 | 1738.57 | 2.17 |
| Cryptography (ascon) | 20 | 31.86 | 12.89 | 1578.49 | 12.66 |
| Interval Matching | 20 | 1537.87 | 1535.11 | 0.15 | 0.15 |
| Random XOR | 5 | 1370.63 | 1249.63 | 37.97 | 37.97 |
| Cryptography (simon) | 17 | 691.30 | 1260.30 | 2000.00 | 566.11 |
| Argumentation | 20 | 431.58 | 558.87 | 1717.22 | 331.69 |
| Social Golfer | 20 | 617.53 | 967.14 | 1813.72 | 586.37 |
| Register Allocation | 20 | 401.06 | 1054.72 | 102.73 | 0.25 |
| GRS FP Comm | 17 | 334.69 | 654.99 | 1273.61 | 219.83 |
| Reg-N | 5 | 2000.00 | 1312.92 | 1789.21 | 1312.92 |
| Brent Equations | 19 | 5.71 | 8.38 | 612.92 | 5.69 |
| Tseitin | 11 | 1091.65 | 1092.03 | 1678.02 | 909.89 |
| Pigeon Hole | 8 | 804.41 | 1028.55 | 1343.75 | 804.28 |
| Hardware Verification | 8 | 104.87 | 285.47 | 637.18 | 104.87 |
| Miter | 11 | 264.18 | 752.75 | 794.82 | 264.18 |
| Miscellaneous | 70 | 299.81 | 370.56 | 801.15 | 231.91 |
| Cryptography | 7 | 13.30 | 17.66 | 401.53 | 13.06 |
| Production (prp) | 20 | 811.07 | 604.93 | 968.62 | 528.19 |
| Mutilated Chessboard | 12 | 615.88 | 382.13 | 690.78 | 382.13 |
| School Timetabling | 19 | 221.06 | 227.08 | 425.73 | 221.06 |
| All | 400 | 426.10 | 530.92 | 969.53 | 241.46 |

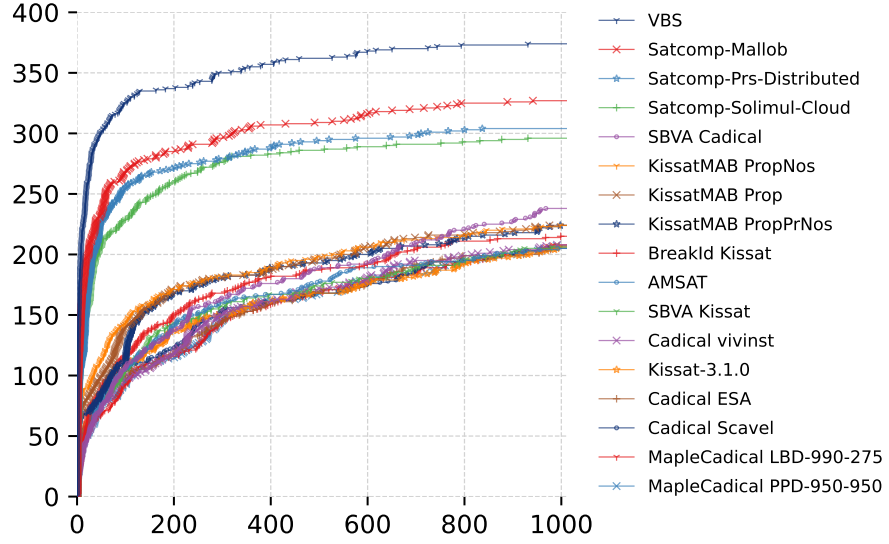
8 Special and Parallel Track



| K | Portfolio | Score |
|---|--|---------|
| 1 | Satcomp-Prs | 2272.36 |
| 1 | Mallob23-Parallel-2 | 2746.30 |
| 1 | Satcomp-Pkissat | 2824.57 |
| 2 | Satcomp-Prs,KissatMAB Prop | 1522.32 |
| 2 | Satcomp-Prs,KissatMAB PropPrNos | 1634.88 |
| 2 | Satcomp-Prs,KissatMAB PropNos | 1653.35 |
| 3 | Satcomp-Prs,BreakId Kissat,KissatMAB PropPrNos | 1259.03 |
| 3 | Satcomp-Prs,KissatMAB Prop,BreakId Kissat | 1268.76 |
| 3 | Satcomp-Prs,BreakId Kissat,KissatMAB PropNos | 1277.50 |

| Family | # | Satcomp- Prs | BreakId Kissat | KissatMAB PropPrNos | VBS |
|-----------------------|-----|-----------------|-------------------|------------------------|---------|
| Interval Matching | 20 | 6132.25 | 10000.00 | 0.15 | 0.15 |
| Random XOR | 5 | 6718.45 | 103.93 | 10000.00 | 103.93 |
| Cryptography (simon) | 17 | 135.11 | 10000.00 | 10000.00 | 135.11 |
| Satcoin | 15 | 136.45 | 1421.87 | 10000.00 | 136.45 |
| Set Covering | 20 | 681.03 | 262.39 | 5761.57 | 169.68 |
| Register Allocation | 20 | 5377.30 | 892.52 | 5.50 | 5.23 |
| Cryptography (ascon) | 20 | 334.97 | 800.41 | 5628.35 | 261.24 |
| Reg-N | 5 | 6390.66 | 10000.00 | 6295.16 | 6295.16 |
| Miter | 11 | 71.24 | 3143.29 | 3157.68 | 69.47 |
| Social Golfer | 20 | 6115.92 | 9013.05 | 7665.62 | 6115.92 |
| Tseitin | 11 | 5455.00 | 5772.63 | 8193.40 | 4545.88 |
| Mutilated Chessboard | 12 | 2036.12 | 4240.09 | 1656.50 | 1413.33 |
| Hashtable Safety | 20 | 79.33 | 1700.77 | 194.75 | 79.33 |
| Hardware Verification | 8 | 1320.39 | 2865.77 | 1558.52 | 1320.39 |
| Argumentation | 20 | 2774.30 | 3447.39 | 4144.27 | 2774.30 |
| School Timetabling | 19 | 1069.50 | 2371.42 | 1266.09 | 1069.50 |
| Cryptography | 7 | 318.39 | 1570.64 | 1577.96 | 318.39 |
| Pigeon Hole | 8 | 5254.40 | 5128.03 | 6381.16 | 4004.40 |
| Production (prp) | 20 | 4258.92 | 5031.37 | 3946.63 | 3443.06 |
| Miscellaneous | 70 | 1568.32 | 1964.08 | 2470.82 | 350.57 |
| GRS FP Comm | 17 | 3090.59 | 3865.34 | 3435.82 | 3054.57 |
| Brent Equations | 19 | 56.24 | 698.16 | 408.33 | 38.83 |
| All | 400 | 2272.36 | 3376.88 | 3580.43 | 1259.03 |

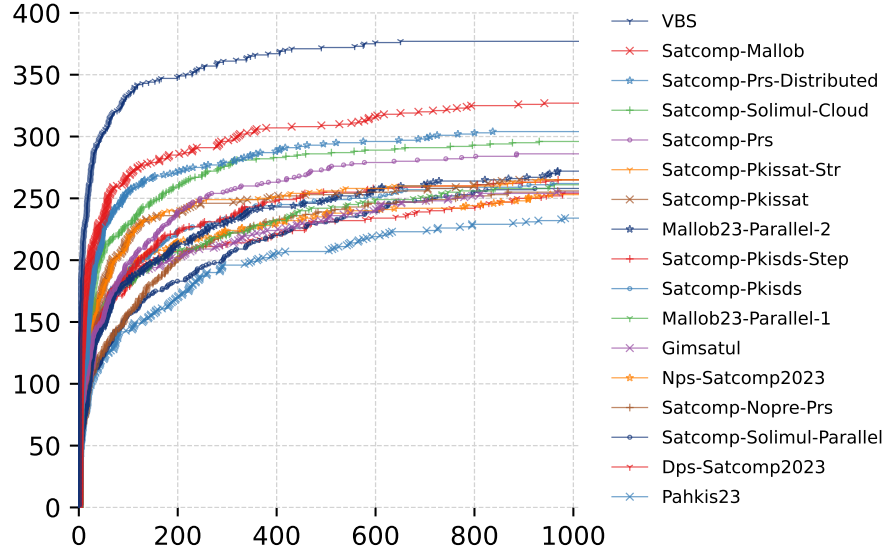
9 Special and Cloud Track



| K | Portfolio | Score |
|---|---|--------|
| 1 | Satcomp-Mallob | 426.10 |
| 1 | Satcomp-Prs-Distributed | 530.92 |
| 1 | Satcomp-Solimul-Cloud | 573.53 |
| 2 | Satcomp-Mallob,KissatMAB Prop | 290.10 |
| 2 | Satcomp-Mallob,KissatMAB PropNos | 304.80 |
| 2 | Satcomp-Mallob,KissatMAB PropPrNos | 305.17 |
| 3 | Satcomp-Mallob,Satcomp-Prs-Distributed,KissatMAB Prop | 241.46 |
| 3 | Satcomp-Mallob,KissatMAB PropNos,BreakId Kissat | 242.28 |
| 3 | Satcomp-Mallob,KissatMAB PropPrNos,BreakId Kissat | 242.40 |

| Family | # | Satcomp- Mallob | Satcomp- Prs- Distributed | KissatMAB Prop | VBS |
|-----------------------|-----|--------------------|---------------------------------|-------------------|---------|
| Satcoin | 15 | 35.59 | 25.16 | 2000.00 | 24.05 |
| Set Covering | 20 | 2.17 | 27.49 | 1738.57 | 2.17 |
| Cryptography (ascon) | 20 | 31.86 | 12.89 | 1578.49 | 12.66 |
| Interval Matching | 20 | 1537.87 | 1535.11 | 0.15 | 0.15 |
| Random XOR | 5 | 1370.63 | 1249.63 | 37.97 | 37.97 |
| Cryptography (simon) | 17 | 691.30 | 1260.30 | 2000.00 | 566.11 |
| Argumentation | 20 | 431.58 | 558.87 | 1717.22 | 331.69 |
| Social Golfer | 20 | 617.53 | 967.14 | 1813.72 | 586.37 |
| Register Allocation | 20 | 401.06 | 1054.72 | 102.73 | 0.25 |
| GRS FP Comm | 17 | 334.69 | 654.99 | 1273.61 | 219.83 |
| Reg-N | 5 | 2000.00 | 1312.92 | 1789.21 | 1312.92 |
| Brent Equations | 19 | 5.71 | 8.38 | 612.92 | 5.69 |
| Tseitin | 11 | 1091.65 | 1092.03 | 1678.02 | 909.89 |
| Pigeon Hole | 8 | 804.41 | 1028.55 | 1343.75 | 804.28 |
| Miter | 11 | 264.18 | 752.75 | 794.82 | 264.18 |
| Miscellaneous | 70 | 299.81 | 370.56 | 801.15 | 231.91 |
| Hardware Verification | 8 | 104.87 | 285.47 | 503.06 | 104.87 |
| Cryptography | 7 | 13.30 | 17.66 | 401.53 | 13.06 |
| Production (prp) | 20 | 811.07 | 604.93 | 968.62 | 528.19 |
| Mutilated Chessboard | 12 | 615.88 | 382.13 | 690.78 | 382.13 |
| School Timetabling | 19 | 221.06 | 227.08 | 425.73 | 221.06 |
| All | 400 | 426.10 | 530.92 | 966.84 | 241.46 |

10 Special, Parallel and Cloud Track



| K | Portfolio | Score |
|---|---|--------|
| 1 | Satcomp-Mallob | 426.10 |
| 1 | Satcomp-Prs-Distributed | 530.92 |
| 1 | Satcomp-Solimul-Cloud | 573.53 |
| 2 | Satcomp-Mallob,KissatMAB Prop | 290.10 |
| 2 | Satcomp-Mallob,KissatMAB PropNos | 304.80 |
| 2 | Satcomp-Mallob,KissatMAB PropPrNos | 305.17 |
| 3 | Satcomp-Mallob,Satcomp-Prs-Distributed,KissatMAB Prop | 241.46 |
| 3 | Satcomp-Mallob,KissatMAB PropNos,BreakId Kissat | 242.28 |
| 3 | Satcomp-Mallob,KissatMAB PropPrNos,BreakId Kissat | 242.40 |

| Family | # | Satcomp- Mallob | Satcomp- Prs- Distributed | KissatMAB Prop | VBS |
|-----------------------|-----|--------------------|---------------------------------|-------------------|---------|
| Satcoin | 15 | 35.59 | 25.16 | 2000.00 | 24.05 |
| Set Covering | 20 | 2.17 | 27.49 | 1738.57 | 2.17 |
| Cryptography (ascon) | 20 | 31.86 | 12.89 | 1578.49 | 12.66 |
| Interval Matching | 20 | 1537.87 | 1535.11 | 0.15 | 0.15 |
| Random XOR | 5 | 1370.63 | 1249.63 | 37.97 | 37.97 |
| Cryptography (simon) | 17 | 691.30 | 1260.30 | 2000.00 | 566.11 |
| Argumentation | 20 | 431.58 | 558.87 | 1717.22 | 331.69 |
| Social Golfer | 20 | 617.53 | 967.14 | 1813.72 | 586.37 |
| Register Allocation | 20 | 401.06 | 1054.72 | 102.73 | 0.25 |
| GRS FP Comm | 17 | 334.69 | 654.99 | 1273.61 | 219.83 |
| Reg-N | 5 | 2000.00 | 1312.92 | 1789.21 | 1312.92 |
| Brent Equations | 19 | 5.71 | 8.38 | 612.92 | 5.69 |
| Tseitin | 11 | 1091.65 | 1092.03 | 1678.02 | 909.89 |
| Pigeon Hole | 8 | 804.41 | 1028.55 | 1343.75 | 804.28 |
| Miter | 11 | 264.18 | 752.75 | 794.82 | 264.18 |
| Miscellaneous | 70 | 299.81 | 370.56 | 801.15 | 231.91 |
| Hardware Verification | 8 | 104.87 | 285.47 | 503.06 | 104.87 |
| Cryptography | 7 | 13.30 | 17.66 | 401.53 | 13.06 |
| Production (prp) | 20 | 811.07 | 604.93 | 968.62 | 528.19 |
| Mutilated Chessboard | 12 | 615.88 | 382.13 | 690.78 | 382.13 |
| School Timetabling | 19 | 221.06 | 227.08 | 425.73 | 221.06 |
| All | 400 | 426.10 | 530.92 | 966.84 | 241.46 |