

# International Association for Ultra Multievents

## Mathematical Formulas for Scoring Tables

CB 2009

Track events points =  $A * (Z - \text{Seconds}) ^ X$

Jumps events points =  $A * (\text{Centimetres} - Z) ^ X$

Throws events points =  $A * (\text{Metres} - Z) ^ X$

| <u>MEN</u>        | <u>A</u> | <u>Z</u> | <u>X</u> | <u>WOMEN</u>      | <u>A</u> | <u>Z</u> | <u>X</u> |
|-------------------|----------|----------|----------|-------------------|----------|----------|----------|
| 1. 100 m          | 25,4347  | 18       | 1,81     | 1. 100 m          | 17,857   | 21       | 1,81     |
| 2. 200 m          | 5,8425   | 38       | 1,81     | 2. 200 m          | 4,99087  | 42,5     | 1,81     |
| 3. 400 m          | 1,53775  | 82       | 1,81     | 3. 400 m          | 1,34285  | 91,7     | 1,81     |
| 4. 800 m          | 0,13279  | 235      | 1,85     | 4. 800 m          | 0,11193  | 254      | 1,88     |
| 5. 1 500 m        | 0,03768  | 480      | 1,85     | 5. 1 500 m        | 0,02883  | 535      | 1,88     |
| 6. 3 000 m        | 0,0105   | 1005     | 1,85     | 6. 3 000 m        | 0,00683  | 1150     | 1,88     |
| 7. 5 000 m        | 0,00419  | 1680     | 1,85     | 7. 5 000 m        | 0,00272  | 1920     | 1,88     |
| 8. 10 000 m       | 0,000415 | 4245     | 1,9      | 8. 10 000 m       | 0,000369 | 4920     | 1,88     |
| 9. 110 m Hurdles  | 5,74352  | 28,5     | 1,92     | 9. 100 m Hurdles  | 9,23076  | 26,7     | 1,835    |
| 10. 200 m Hurdles | 3,495    | 45,5     | 1,81     | 10. 200 m Hurdles | 2,975    | 52       | 1,81     |
| 11. 400 m Hurdles | 1,1466   | 92       | 1,81     | 11. 400 m Hurdles | 0,99674  | 103      | 1,81     |
| 12. 3 000 m SC    | 0,00511  | 1155     | 1,9      | 12. 3 000 m SC    | 0,00408  | 1320     | 1,9      |
| 13. Long Jump     | 0,14354  | 220      | 1,4      | 13. Long Jump     | 0,188807 | 210      | 1,41     |
| 14. Triple Jump   | 0,06533  | 640      | 1,4      | 14. Triple Jump   | 0,08559  | 600      | 1,41     |
| 15. High Jump     | 0,8465   | 75       | 1,42     | 15. High Jump     | 1,84523  | 75       | 1,348    |
| 16. Pole Volt     | 0,2797   | 100      | 1,35     | 16. Pole Volt     | 0,44125  | 100      | 1,35     |
| 17. Shot Put      | 51,39    | 1,5      | 1,05     | 17. Shot Put      | 56,0211  | 1,5      | 1,05     |
| 18. Hammer Throw  | 13,0449  | 7        | 1,05     | 18. Hammer Throw  | 17,5458  | 6        | 1,05     |
| 19. Discus Throw  | 12,91    | 4        | 1,1      | 19. Discus Throw  | 12,331   | 3        | 1,1      |
| 20. Javelin Throw | 10,14    | 7        | 1,08     | 20. Javelin Throw | 15,9803  | 3,8      | 1,04     |

| <u>Indoor</u>   | <u>A</u> | <u>Z</u> | <u>X</u> | <u>Indoor</u>   | <u>A</u> | <u>Z</u> | <u>X</u> |
|-----------------|----------|----------|----------|-----------------|----------|----------|----------|
| 1. 60 m         | 58,015   | 11,5     | 1,81     | 1. 60 m         | 46,0849  | 13       | 1,81     |
| 2. 60 m Hurdles | 20,5173  | 15,5     | 1,92     | 2. 60 m Hurdles | 20,0479  | 17       | 1,835    |
| 3. Weight Throw | 47,8338  | 1,5      | 1,05     | 3. Weight Throw | 52,1403  | 1,5      | 1,05     |