

Athletic season 2023

Olympic champion and world record-holder Karsten Warholm laid down a huge marker of his ambition to regain the 400m hurdles title at the World Athletics Championships Budapest 23 when he set a Diamond League record of 46.51 in Monaco on 21 July.

The 27-year-old Norwegian said before his race that his experience at last year's World Championships in Oregon, where he finished seventh after recovering from a hamstring injury incurred in his opening meeting of the season, has been a strong motivating factor this year.

"It was really nice to do this again – that 0.01 off the Diamond League record and also the track record," Warholm said after a performance that also bettered his own top world mark for 2023.

"This is a nice timing as the World Championships is just around the corner. Since I was injured last year, I enjoyed the racing more."

In his wake was the Brazilian who took over the world title he had won in 2017 and 2019, Alison dos Santos, who clocked a season's best of 47.66.

Dos Santos, who finished third in the Tokyo Olympic final, has had to recover from a serious injury early this year in the form of a torn meniscus in his right knee which required surgery. At the time it appeared his season was over before it had started, but he returned to top class action at the Silesia Diamond League meeting on 16 July, where he finished third in the 400m in 44.73. And in his first race over the hurdles in Monaco the 23-year-old from Sao Paulo did enough to stir his World Championships ambitions. "That was the perfect opportunity for me to come back to run," he said. "Now I will get ready for Budapest, to be able to win my world title again."

But Warholm and Dos Santos are not the only ones with world gold in their sights as Rai Benjamin is equally determined to make a breakthrough in Budapest.

The 26-year-old US athlete took silver behind Warholm at the Doha 2019 World Championships, and bettered the Norwegian's world record of 46.70 in the Tokyo Olympic final where he clocked 46.17 and took another silver as Warholm reached deeper to set the current world record of 45.94.

Last year, with Warholm still a way off full fitness following a hamstring strain after clearing the first hurdle of his first race of 2022 at the Rabat Diamond League meeting, Benjamin must have thought his chance had come to make a golden impression on his home track in Eugene, Oregon – but Dos Santos won with a South American record of 46.29, with the home runner clocking 46.89.

How close can the Brazilian get to his best form in the time available? At the moment his is only fifth fastest in this season's list, with two other runners above him – Kyrn McMaster of the British Virgin Islands, the double Commonwealth champion and fourth-placed finisher in Tokyo who has clocked 47.26, and CJ Allen of the United States, who has set a personal best of 47.58.

Others likely to make their mark include France's Ludvy Vaillant, who has run a personal best of 47.85 this season, as has Jamaica's Roshawn Clarke, and 31-year-old Rasmus Magi of Estonia, European silver medallist in 2014 who has run 48.04 this season.

Look out too for Italy's 24-year-old 2018 world U20 champion Alessandro Sibilio, a Tokyo Olympic Games finalist.

MS: 48.70 (49.80)

OH: 48.70

**Medal winners****2009 World**

|   |                  |     |       |
|---|------------------|-----|-------|
| 1 | Kerron Clement   | USA | 47.91 |
| 2 | Javier Culson    | PUR | 48.09 |
| 3 | Bershawn Jackson | USA | 48.23 |

**2010 Europe**

|   |                     |     |       |
|---|---------------------|-----|-------|
| 1 | GREENE, David       | GBR | 48.12 |
| 2 | WILLIAMS, Rhys      | GBR | 48.96 |
| 3 | MELNYKOV, Stanislav | UKR | 49.09 |

**2011 World**

|   |               |     |       |
|---|---------------|-----|-------|
| 1 | David Greene  | GBR | 48.26 |
| 2 | Javier Culson | PUR | 48.44 |
| 3 | L.J. van Zyl  | RSA | 48.80 |

**2012 Europe**

|   |                    |     |       |
|---|--------------------|-----|-------|
| 1 | Rhys Williams      | GBR | 49.33 |
| 2 | Emir Bekrić        | SRB | 49.49 |
| 3 | Stanislav Melnykov | UKR | 49.69 |

**2012 Olympic**

|   |                 |     |       |
|---|-----------------|-----|-------|
| 1 | Felix Sánchez   | DOM | 47.63 |
| 2 | Michael Tinsley | USA | 47.91 |
| 3 | Javier Culson   | PUR | 48.10 |

**2013 World**

|   |                 |     |       |
|---|-----------------|-----|-------|
| 1 | Jehue GORDON    | TTO | 47.69 |
| 2 | Michael TINSLEY | USA | 47.70 |
| 3 | Emir BEKRIC     | SRB | 48.05 |

**2014 Europe**

|   |                   |     |       |
|---|-------------------|-----|-------|
| 1 | Kariem Hussein    | SUI | 48.96 |
| 2 | Rasmus Mägi       | EST | 49.06 |
| 3 | Denis Kudryavtsev | RUS | 49.16 |

**2015 World**

|   |                   |     |       |
|---|-------------------|-----|-------|
| 1 | Nicholas Bett     | KEN | 47.79 |
| 2 | Denis Kudryavtsev | RUS | 48.05 |
| 3 | Jeffery Gibson    | BAH | 48.17 |

**2016 Europe**

|   |                         |     |       |
|---|-------------------------|-----|-------|
| 1 | Yasmani Copello Escobar | TUR | 48.98 |
| 2 | Sérgio Fernández        | ESP | 49.06 |
| 3 | Kariem Hussein          | SUI | 49.10 |

**2016 Olympic**

|   |                 |     |       |
|---|-----------------|-----|-------|
| 1 | Kerron Clement  | USA | 47.73 |
| 2 | Bonface Mucheru | KEN | 47.78 |
| 3 | Yasmani Copello | TUR | 47.92 |

**2017 World**

|   |                 |     |       |
|---|-----------------|-----|-------|
| 1 | Karsten Warholm | NOR | 48.35 |
| 2 | Yasmani Copello | TUR | 48.49 |
| 3 | Kerron Clement  | USA | 48.52 |

**2018 Europe**

|   |                 |     |       |
|---|-----------------|-----|-------|
| 1 | Karsten Warholm | NOR | 47.64 |
| 2 | Yasmani Copello | TUR | 47.81 |
| 3 | Thomas Barr     | IRL | 48.31 |

**2019 World**

|   |                    |     |       |
|---|--------------------|-----|-------|
| 1 | Karsten Warholm    | NOR | 47.42 |
| 2 | Rai Benjamin       | USA | 47.66 |
| 3 | Abderrahmane Samba | QAT | 48.03 |

**2021 Olympic**

|   |                   |     |       |
|---|-------------------|-----|-------|
| 1 | Karsten Warholm   | NOR | 45.94 |
| 2 | Rai Benjamin      | USA | 46.17 |
| 3 | Alison dos Santos | BRA | 46.72 |

**2022 World**

|   |                   |     |       |
|---|-------------------|-----|-------|
| 1 | Alison dos Santos | BRA | 46.29 |
| 2 | Rai Benjamin      | USA | 46.89 |
| 3 | Trevor Bassitt    | USA | 47.39 |

**2022 Europe**

|   |                 |     |       |
|---|-----------------|-----|-------|
| 1 | Karsten Warholm | NOR | 47.12 |
| 2 | Wilfried Happio | FRA | 48.56 |
| 3 | Yasmani Copello | TUR | 48.78 |

**2023 World**

|   |  |  |  |
|---|--|--|--|
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |

**Relevant records**

|     |       |                   |     |           |             |
|-----|-------|-------------------|-----|-----------|-------------|
| WR  | 45.94 | Karsten Warholm   | NOR | Tokyo     | 3 Aug 2021  |
| WJR | 47.85 | Sean Burrell      | USA | Eugene    | 11 Jun 2021 |
|     | 47.85 | Roshawn Clarke    | JAM | Kingston  | 7 Jul 2023  |
| Eur | 45.94 | Karsten Warholm   | NOR | Tokyo     | 3 Aug 2021  |
| Afr | 47.10 | Samuel Matete     | ZAM | Zürich    | 7/8/91      |
| Ame | 46.17 | Rai Benjamin      | USA | Tokyo     | 3 Aug 2021  |
| Sam | 46.29 | Alison dos Santos | BRA | Eugene OR | 19 Jul 2022 |
| CZE | 48.27 | Jiří Mužik        |     | Athens    | 3/8/97      |

**All-time list**

|    |       |                    |     |                |             |
|----|-------|--------------------|-----|----------------|-------------|
| 1  | 45.94 | Karsten Warholm    | NOR | Tokyo          | 3 Aug 2021  |
| 2  | 46.17 | Rai Benjamin       | USA | Tokyo          | 3 Aug 2021  |
| 3  | 46.29 | Alison dos Santos  | BRA | Eugene OR      | 19 Jul 2022 |
| 4  | 46.78 | Kevin Young        | USA | Barcelona      | 6 Aug 1992  |
| 5  | 46.98 | Abderrahmane Samba | QAT | Paris          | 30 Jun 2018 |
| 6  | 47.02 | Edwin Moses        | USA | Koblenz        | 31 Aug 1983 |
| 7  | 47.03 | Bryan Bronson      | USA | New Orleans LA | 21 Jun 1998 |
| 8  | 47.08 | Kyrn McMaster      | IVB | Tokyo          | 3 Aug 2021  |
| 9  | 47.10 | Samuel Matete      | ZAM | Zürich         | 7 Aug 1991  |
| 10 | 47.19 | André Phillips     | USA | Seoul          | 25 Sep 1988 |
| 11 | 47.23 | Amadou Dia Bâ      | SEN | Seoul          | 25 Sep 1988 |

**World season list**

|    |       |                   |     |                 |        |
|----|-------|-------------------|-----|-----------------|--------|
| 1  | 46.51 | Karsten Warholm   | NOR | Monaco          | 21 Jul |
| 2  | 46.62 | Rai Benjamin      | USA | Eugene OR       | 9 Jul  |
| 3  | 47.26 | Kyrn McMaster     | IVB | Banská Bystrica | 20 Jul |
| 4  | 47.58 | CJ Allen          | USA | Oslo            | 15 Jun |
| 5  | 47.66 | Alison dos Santos | BRA | Monaco          | 21 Jul |
| 6  | 47.85 | Roshawn Clarke    | JAM | Kingston        | 7 Jul  |
| 6  | 47.85 | Ludvy Vaillant    | FRA | Monaco          | 21 Jul |
| 8  | 48.04 | Rasmus Mägi       | EST | Tallinn         | 30 Jul |
| 9  | 48.11 | Gerald Drummond   | CRC | San José        | 6 May  |
| 10 | 48.12 | Chris Robinson    | USA | Austin TX       | 9 Jun  |
| 11 | 48.13 | Wilfried Happio   | FRA | Oslo            | 15 Jun |

**European season list**

|    |       |                         |     |                   |        |
|----|-------|-------------------------|-----|-------------------|--------|
| 1  | 46.51 | Karsten Warholm         | NOR | Monaco            | 21 Jul |
| 2  | 47.85 | Ludvy Vaillant          | FRA | Monaco            | 21 Jul |
| 3  | 48.04 | Rasmus Mägi             | EST | Tallinn           | 30 Jul |
| 4  | 48.13 | Wilfried Happio         | FRA | Oslo              | 15 Jun |
| 5  | 48.14 | Alessandro Sibilio      | ITA | Chorzów           | 24 Jun |
| 6  | 48.36 | Nick Smidt              | NED | La Chaux-de-Fonds | 2 Jul  |
| 7  | 48.45 | Joshua Abuaku           | GER | Kassel            | 9 Jul  |
| 7  | 48.45 | Constantin Preis        | GER | Kassel            | 9 Jul  |
| 9  | 48.71 | Yasmani Copello         | TUR | Kraljevo          | 22 Jul |
| 10 | 48.72 | Ismail Nezir            | TUR | Chengdu           | 4 Aug  |
| 11 | 48.73 | Emil Nana Kwame Agyekum | GER | Genève            | 10 Jun |

**Czech season list**

|   |       |             |     |                      |        |
|---|-------|-------------|-----|----------------------|--------|
| 1 | 48.96 | Vít Müller  | CZE | Tábor                | 30 Jul |
|   | 49.14 | Vít Müller  |     | Praha                | 5 Jun  |
|   | 49.22 | Vít Müller  |     | Sollentuna           | 11 Jun |
|   | 49.32 | Vít Müller  |     | Sotteville-lès-Rouen | 7 Jul  |
|   | 49.78 | Vít Müller  |     | Plzeň                | 27 May |
| 2 | 50.01 | Adam Smolka | CZE | Praha                | 21 May |
|   | 50.05 | Vít Müller  |     | Chorzów              | 24 Jun |
|   | 50.15 | Adam Smolka |     | Graz                 | 16 Jun |
|   | 50.22 | Adam Smolka |     | Banská Bystrica      | 20 Jul |
|   | 50.35 | Adam Smolka |     | Chengdu              | 2 Aug  |
|   | 50.36 | Adam Smolka |     | Ostrava              | 27 Jun |

