



## EVF Ranking System

### 1 Overview

A key objective of EVF is to encourage participation by Veteran Fencers throughout Europe. To progress this objective a circuit of events has been introduced along with a ranking system.

A set of 5 qualifying events for each weapon are chosen around Europe. Ranking points are awarded for these events plus the EVF Individual Championships.

Ranking points for a fencer are based on :

- their overall position
- the number of rounds of DE they have survived
- podium position

The best results from a set number of events are added together to form a total.

Ranking lists are provided for each of the 24 weapon-age categories in order of their total points.

#### 1.1 Use of the Ranking Lists

The Ranking Lists will be used for :

- seeding of the EVF Individual Championships
- seeding of the EVF Team Championships
- the award of a trophy to the top placed fencer

##### 1.1.1 Seeding of the EVF Team Championships

The seeding of weapon teams for European Veterans Team Championships (EVF) shall be based on two criteria:

**1st criterion** - the overall rankings of the weapon team at the immediately previous EVF Team Championships.

**2nd criterion** - for those weapon teams that did not participate in the immediately previous EVF Team Championships the seeding is determined by adding together the ranking points of the three best ranked fencers on the current EVF ranking list without taking into consideration age category. For this criterion, the weapon team with the highest cumulative ranking points will be the best seeded.

The 1st criterion will always take precedence over the 2nd criterion.

## 1.2 Nomenclature

An **event** has a name, a location and a date eg EVF Championships, Chiavari, 2017

A **competition** has a weapon, category, entries and results eg ME4, 62 entries, John Mason came 1<sup>st</sup>

The proposed circuit has 5 events for each weapon with competitions per event.

## 2 Events

### 2.1 Types of Event

A circuit of events are included in the ranking system.

Circuit events are in different countries. Events should be accessible for an international entry.

Events do not have to be 6-weapon events but there should be the same number of opportunities for all weapons.

All events are run to the same formula in that the final round is D/E in age categories V1-V4 with bouts to 10 hits.

## 3 Ranking Points

Points depend on the following factors:

- The type of event: there are the Circuit events and the EVF Championships
- The final placing in the competition
- The number of D/E rounds achieved
- Podium placing

Each of the above factors is discussed in the following sections.

### 3.1 Type of the Event

The points score is multiplied by 1,2 for a result in the EVF Individual Championships.

### 3.2 Final Placing

Placings for competitions are taken straight from the published results.

Whatever the size of the competition the first placed gets 50 Points. The last placed is awarded 1 point. A log scale, is then be used for intermediate places.

The last place is awarded something (1 point) so that ALL competing fencers appear in the ranking list.

For a **log scale** the points awarded are:

$$y = MP + (1-MP) * \log(x)/\log(N) \text{ where}$$

y = points awarded

MP = Maximum Points awarded (ie to first place in this event)

X = final ranking of the fencer

N = number of entries

### 3.3 D/E Rounds Bonus

Extra points (10) are awarded for each round achieved. This ensures that a 5<sup>th</sup> place in an entry of 300 earns more points than 5<sup>th</sup> place in an entry of 16.

### 3.4 Podium Bonus

Further bonus points are awarded for podium places. A formula is used to allocate the bonus so that a larger competition gets more than a smaller one.

### 3.5 Formula Requirements

It is required that certain conditions are met and these are illustrated on the right hand side of the spreadsheet:

1 <sup>st</sup> place		2 x 5 <sup>th</sup> place
2 x 8 <sup>th</sup> place		5 <sup>th</sup> place + 9 <sup>th</sup> place
2 x 16 <sup>th</sup> place	points should be greater than	9 <sup>th</sup> place + 17 <sup>th</sup> place
2 x 32 <sup>nd</sup> place		17 <sup>th</sup> place + 33 <sup>rd</sup> place
2 x 64 <sup>th</sup> place		33 <sup>rd</sup> + 65 <sup>th</sup> place
2 x 128 <sup>th</sup> place		65 <sup>th</sup> place + 129 <sup>th</sup> place

Example no.1:

With 300 participants, 1<sup>st</sup> place gets 200,2 points while 5<sup>th</sup> place gets 96,2 points; so 2 x 5<sup>th</sup> place gets 192,4 points, less than 200,2 points.

Example no. 2:

With 50 participants, 8<sup>st</sup> place gets 54 points while 5<sup>th</sup> place gets 59,8 points and 8<sup>th</sup> place gets 54 points; so 2 x 8<sup>th</sup> place gets 108 points, more than 102,3 (59,8+42,5) points.

A spreadsheet is provided on the [EVF Website](#) to illustrate the point allocation algorithms.

## 4 Sub-set of Results For Ranking

Fencers are not expected to do every competition but they are expected to attend a minimum number to accumulate points.

The following conditions will apply:

- a) For the season starting at the 2019 Congress, ranking is based on the best two (2) results from a possible total of 5: EVF Championships and the 4 circuit events in the coming year
- b) For the seasons starting at the 2021 Congress and beyond, ranking is based on the best four (4) results from a possible total of 10: the EVF Championships and 2 years worth of circuit events
- c) The season 2020-21 is considered not existent, so the 2 years considered in 2021 are the seasons 2019-20 and 2021-22.

## 5 Implementation of Ranking System

A software program, integrated with the EVF database, is available to produce ranking lists.

The program does the following:

- Import results from competitions
- Calculate ranking points based on the sections above (See Example 1 below)
- Show rankings based on the 2 best results in the test data
- Show ranking by weapon within an age group (See Example 2 below)
- Show how the ranking points have been calculated for each fencer (See Example 3 below)

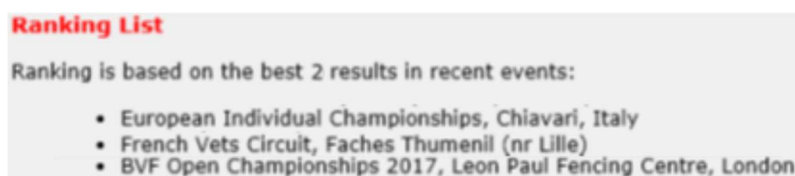
The program will be hosted on the EVF server.

The trial Ranking tables will be accessible to anyone to comment on.

The programs is be based on software developed for British Veterans Fencing.

### 5.1 Examples from the BVF Ranking System

**Example 1:** List of events used



**Ranking List**

Ranking is based on the best 2 results in recent events:

- European Individual Championships, Chiavari, Italy
- French Vets Circuit, Faches Thumenil (nr Lille)
- BVF Open Championships 2017, Leon Paul Fencing Centre, London

**Example 2:** Ranking List for Mens Foil Category 3

The EVF Ranking lists are compiled from results in the Individual Championships and Circuit Events.

Weapon : Mens Foil Category : Cat 3

Pos.	Name	First name	Country	Points
1	LEE	Philip	IRL	178.08
2	SHVARTS	Yuri	RUS	126.66
3	JOLYOT	Pascal	FRA	124.83
4	WEDGE	Paul	GBR	111.16
5	DEBRAND	Francois	FRA	95.40
6	PENTEK	Tamas	HUN	85.43
7	MISHAGIN	Vasilii	RUS	85.29
8	CSAK	Attila	HUN	76.92
9	MONDT	Bas	NED	74.61
10	LEMERRRE	Hugues	FRA	70.60
11	SZABO	Imre	HUN	67.33
12	IMREH	Laszlo	HUN	56.07
13	RUSZKAI	Frank	DEN	54.65

**Example 3:** View the Points Details.

Details

LEE, PhilipIRL

# Event	Year	Location	Weapon	Entry	Place	Points	DE	Podium	Factor	Total
1 EVF Circuit - Munich	2019	Munich	Mens Foil	7	1	50.00	30.00	17.22	1.00	97.22
2 EVF Circuit - Budapest	2019	Budapest	Mens Foil	13	2	36.76	30.00	14.11	1.00	80.87
3 EVF Circuit - Faches	2020	Faches	Mens Foil	21	9	14.64	10.00	0.00	1.00	24.64

Cancel

(There will be extra columns for Round bonus points and for Podium bonus points.)