

<SkiAlp-Pro> Technical Reference Manual

Downloading <SkiAlp-Pro> from www.vola.fr.....	2
Installation Process on your computer.....	6
Launching <Ski-Pro>.....	9
Checking the Timing Device connection.....	10
Checking the dongle protection key.....	12
Opening an event.....	13
Managing the Competitors of the event.....	15
Assign bibs.....	23
Managing the 1st run.....	24
Creating the Start List.....	24
The Timing section.....	27
Managing the 2nd run.....	33
Editing Results.....	36

These are the step-by-step instructions for the download, installation and use of VOLA software for timing races. If you follow the instructions and still have technical difficulties running the program, please contact your Information Technologies specialists first. If you believe that there is something wrong with this file, please let us know at the following address: vola@vola.fr.

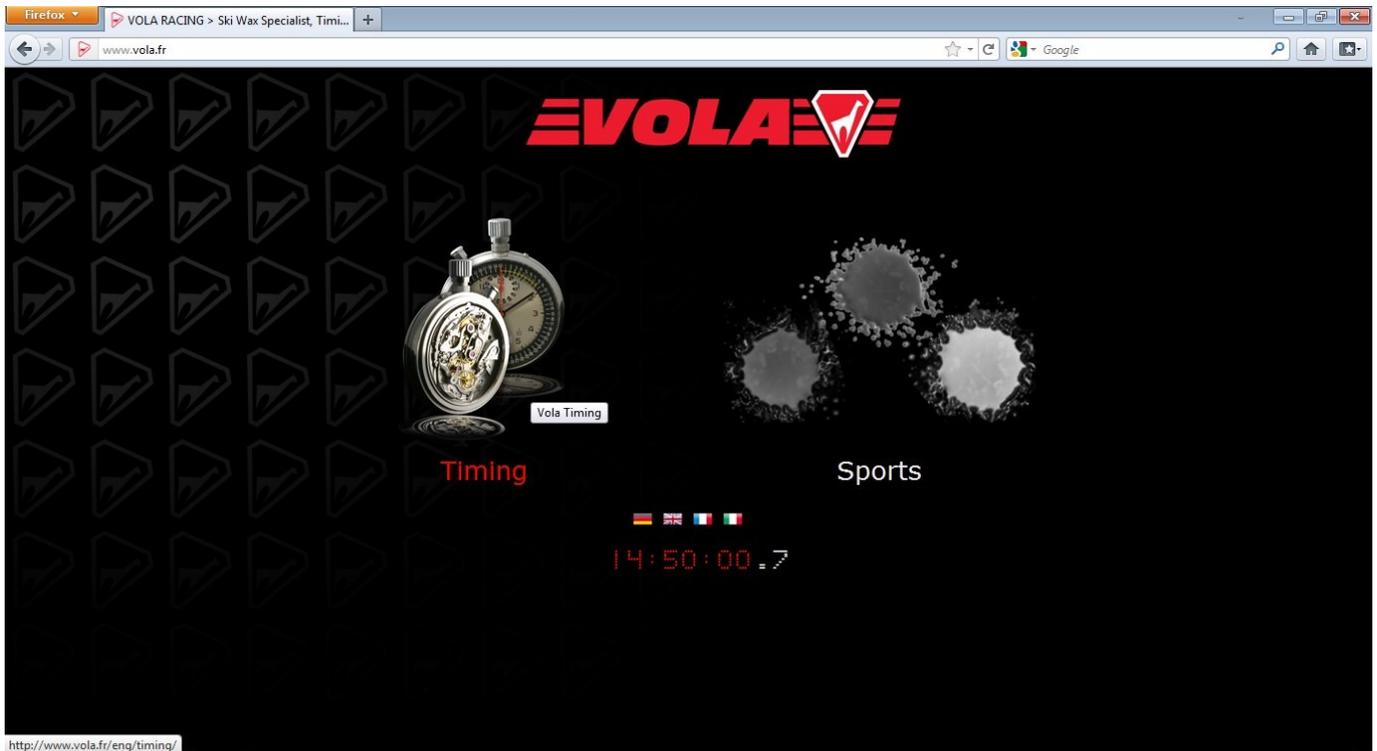
It is recommended that you read these instructions completely and close all software applications before starting this installation process. The instructions are divided into several sections that you can find above.

If you have specific questions and if this document doesn't answer to them, please download the document "Frequent questions" on our website which should answer usual difficulties of timekeepers.

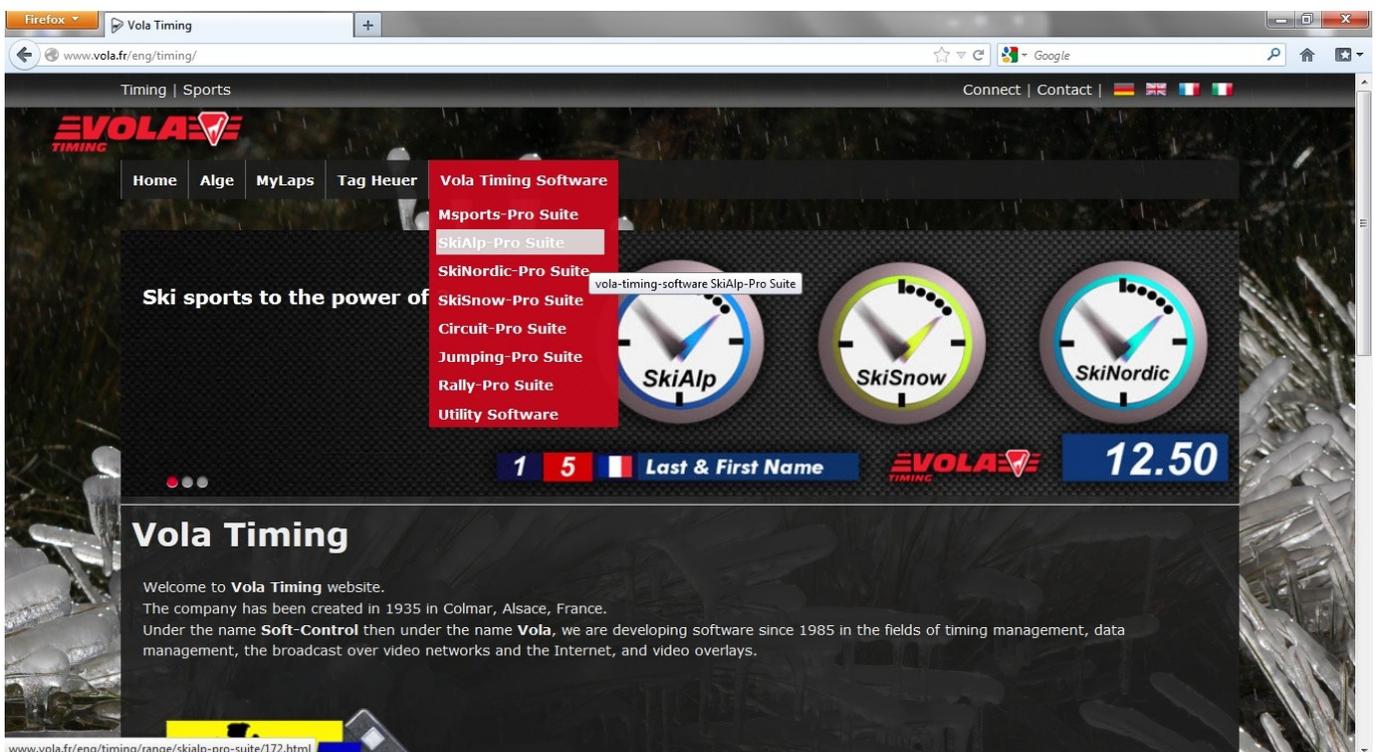
Downloading <SkiAlp-Pro> from www.vola.fr

Step 1: Connect yourself to internet and go to www.vola.fr.

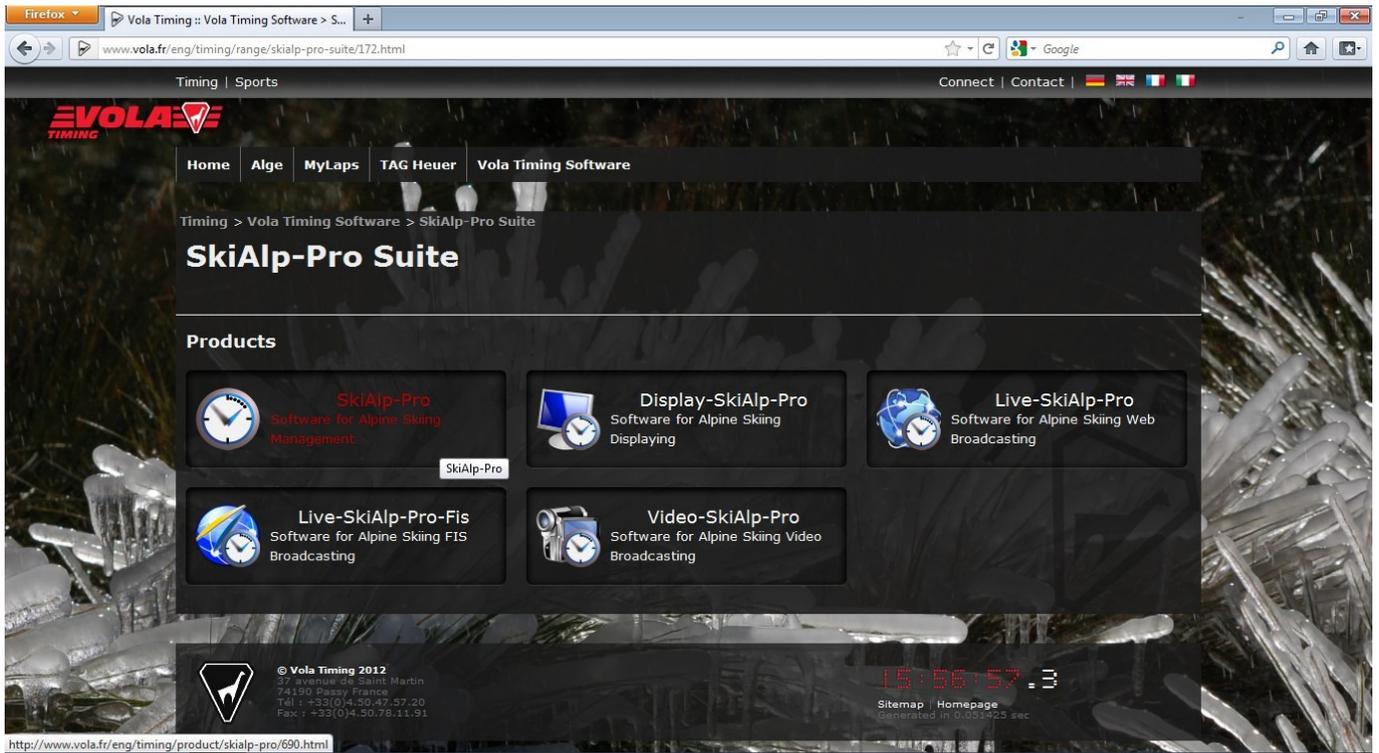
Then, click on the "Timing" picture to access to "VOLA Timing".



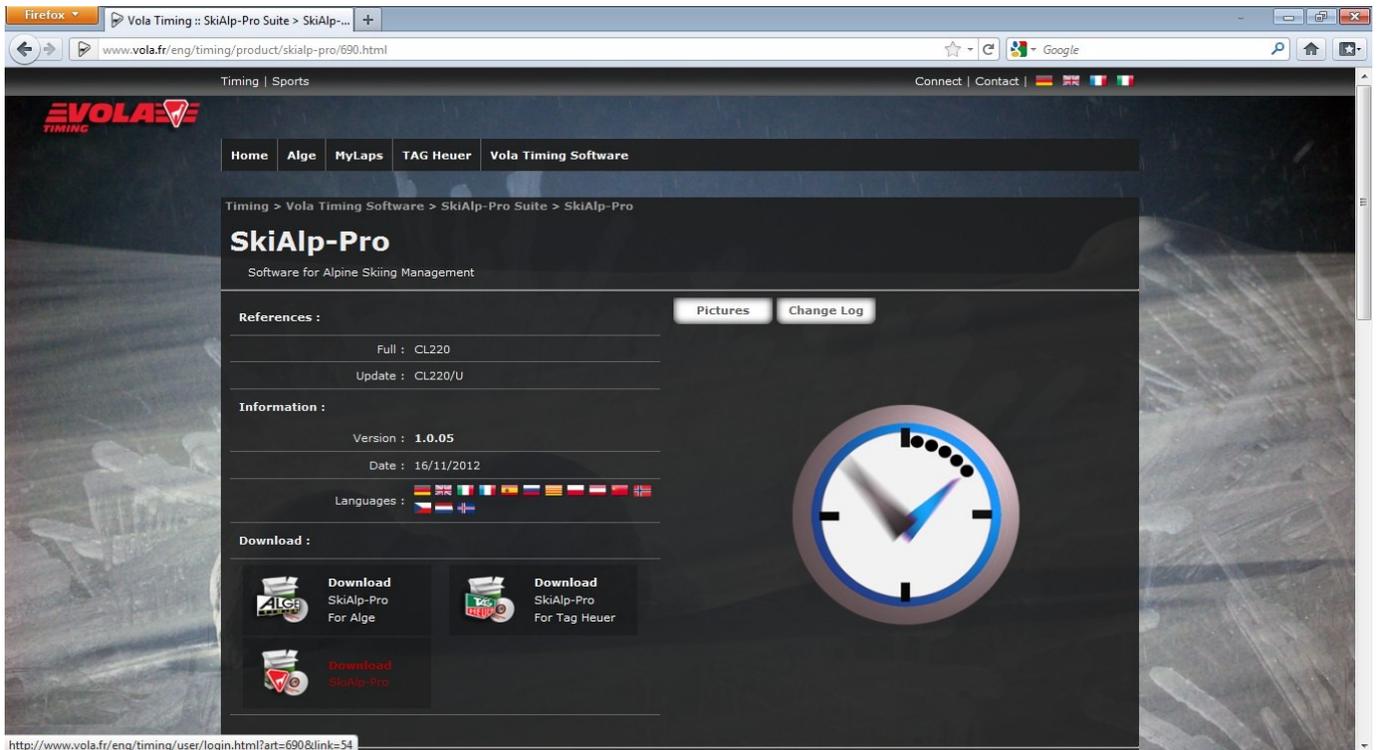
Step 2: In the menu "Vola Timing Software" select the desired software suite.



Step 3: Click on the button "SkiAlp-Pro".

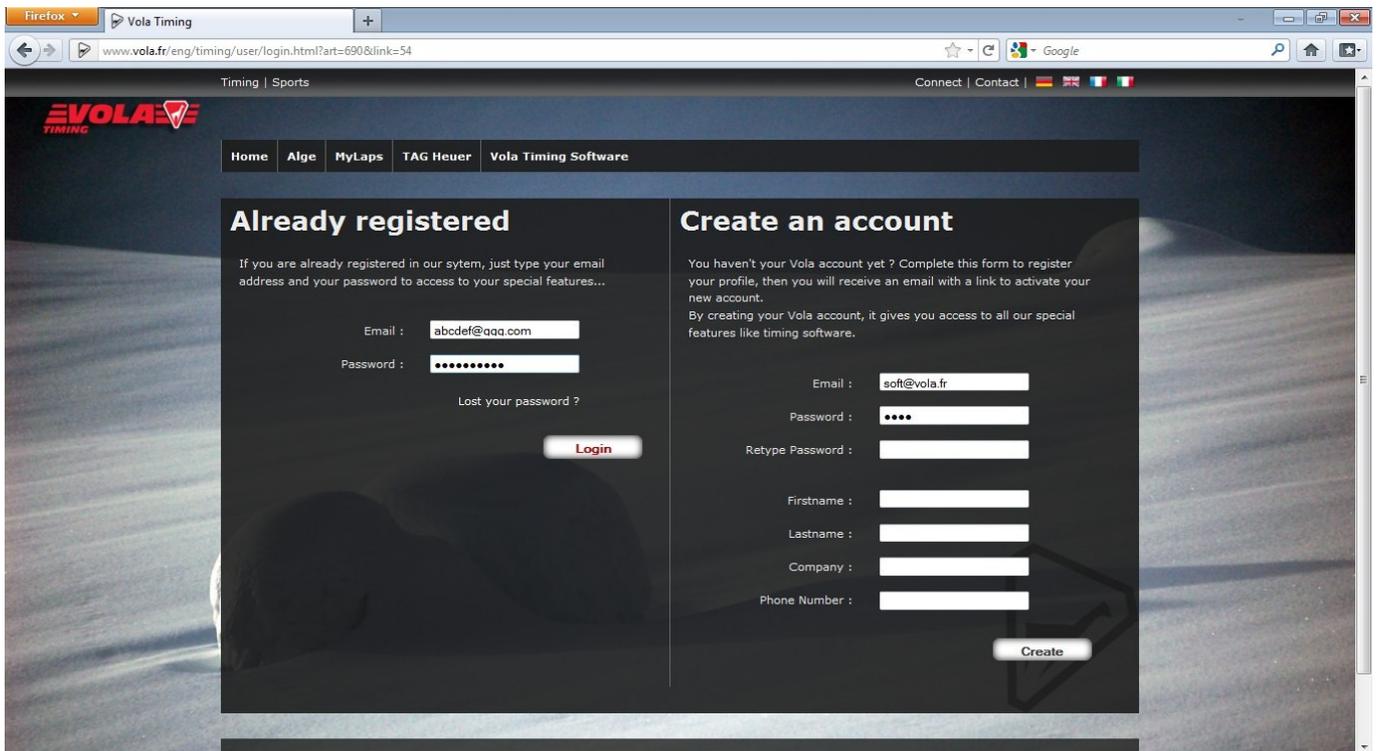


Step 4: In the "Download" section, click on the desired version (Alge, TAG Heuer or Vola).

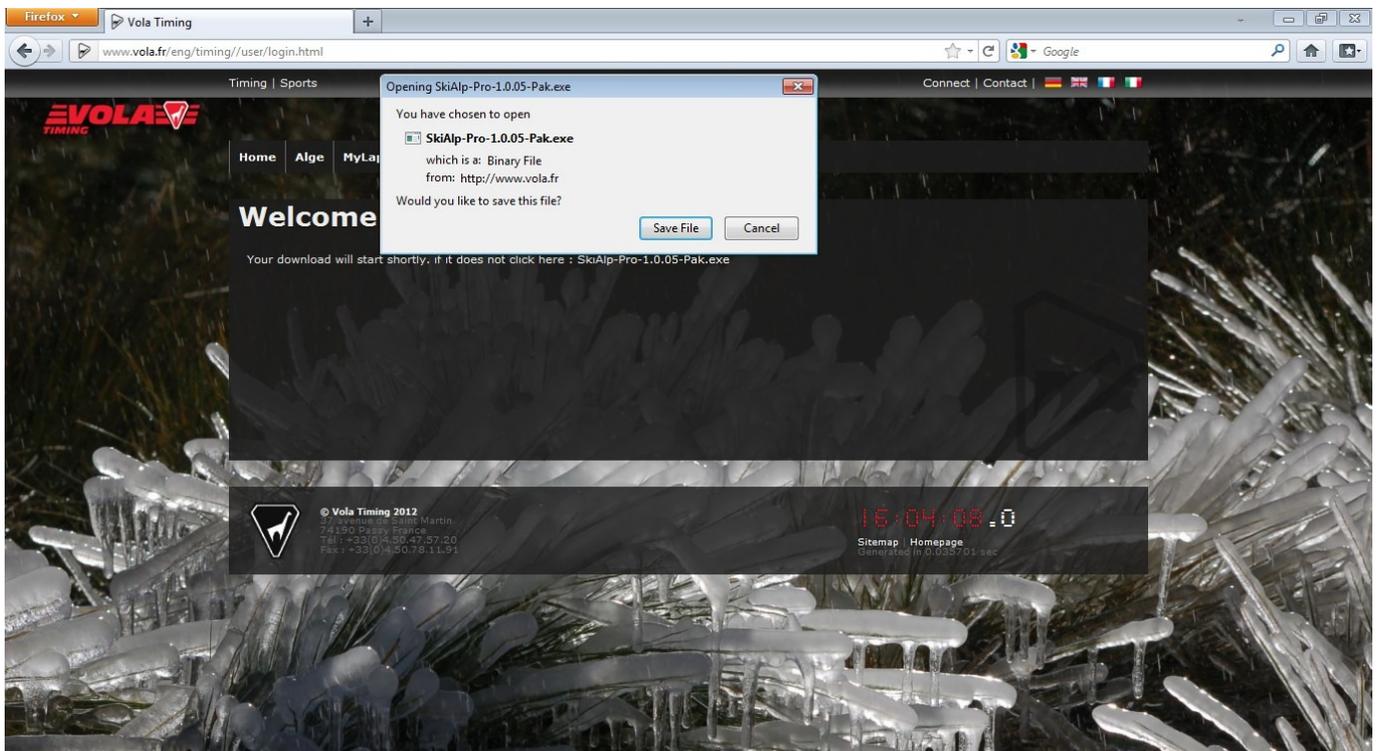


Step 5: Log yourself in by entering your email and password.

If you don't have a login, register by filling the "Create an account" form and follow the instructions.

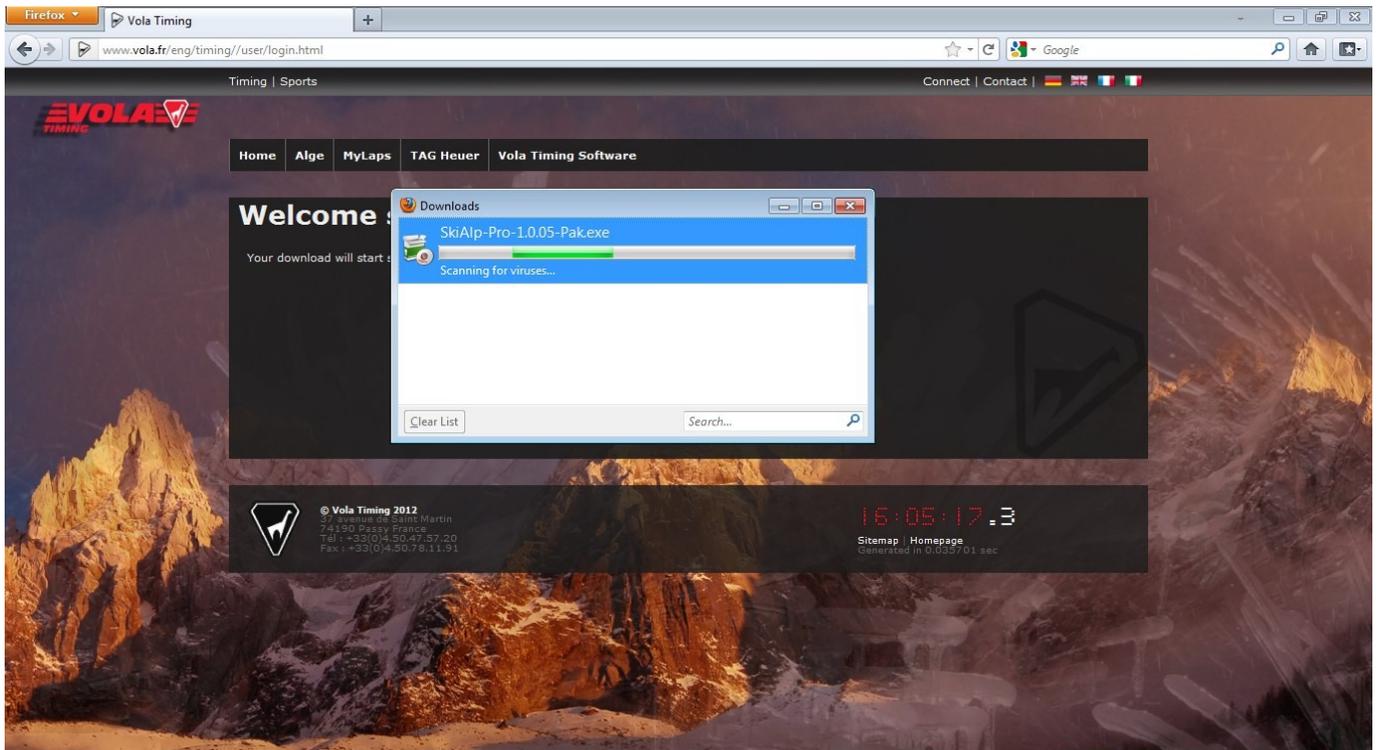


Step 6: After you are logged in, the download will start. Click on the button "Save File".



Step 7: Let the computer download the software.

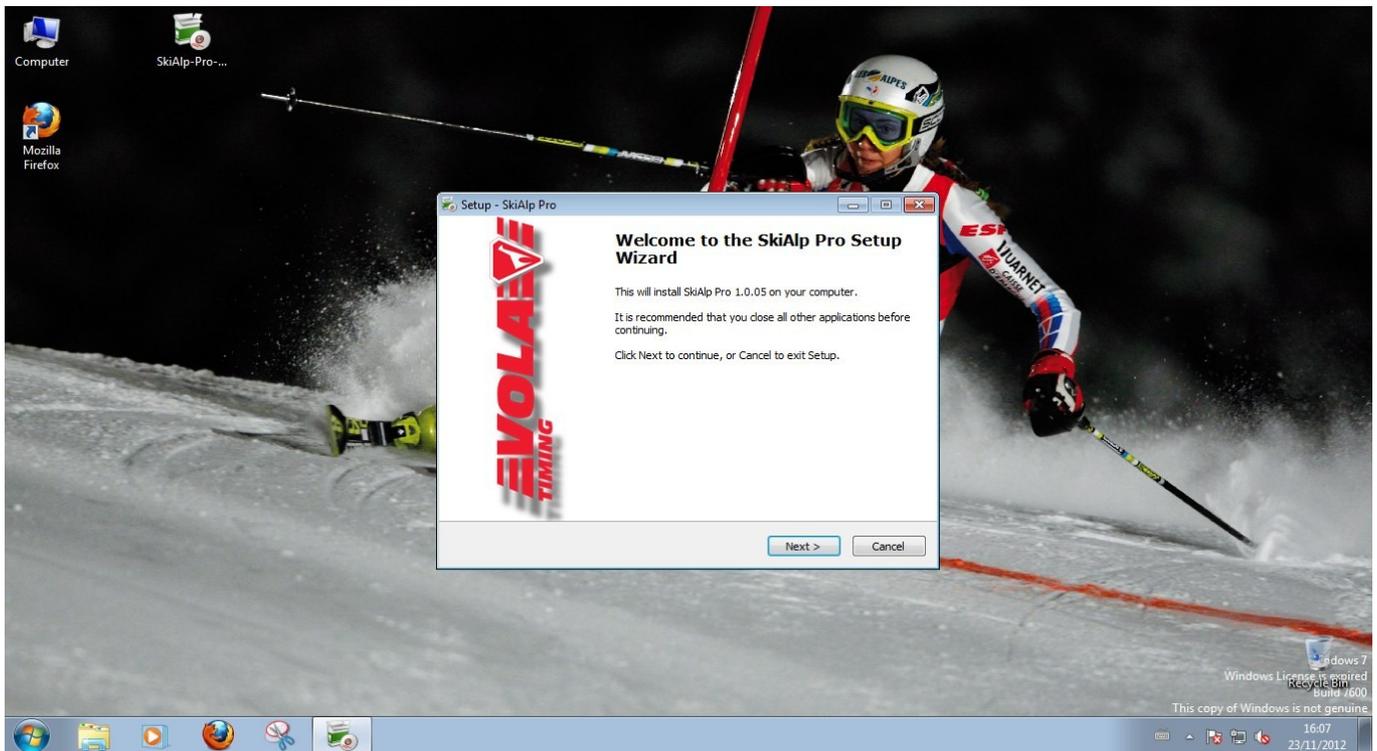
When the executable file is complete and available, double-click on it.



Installation Process on your computer

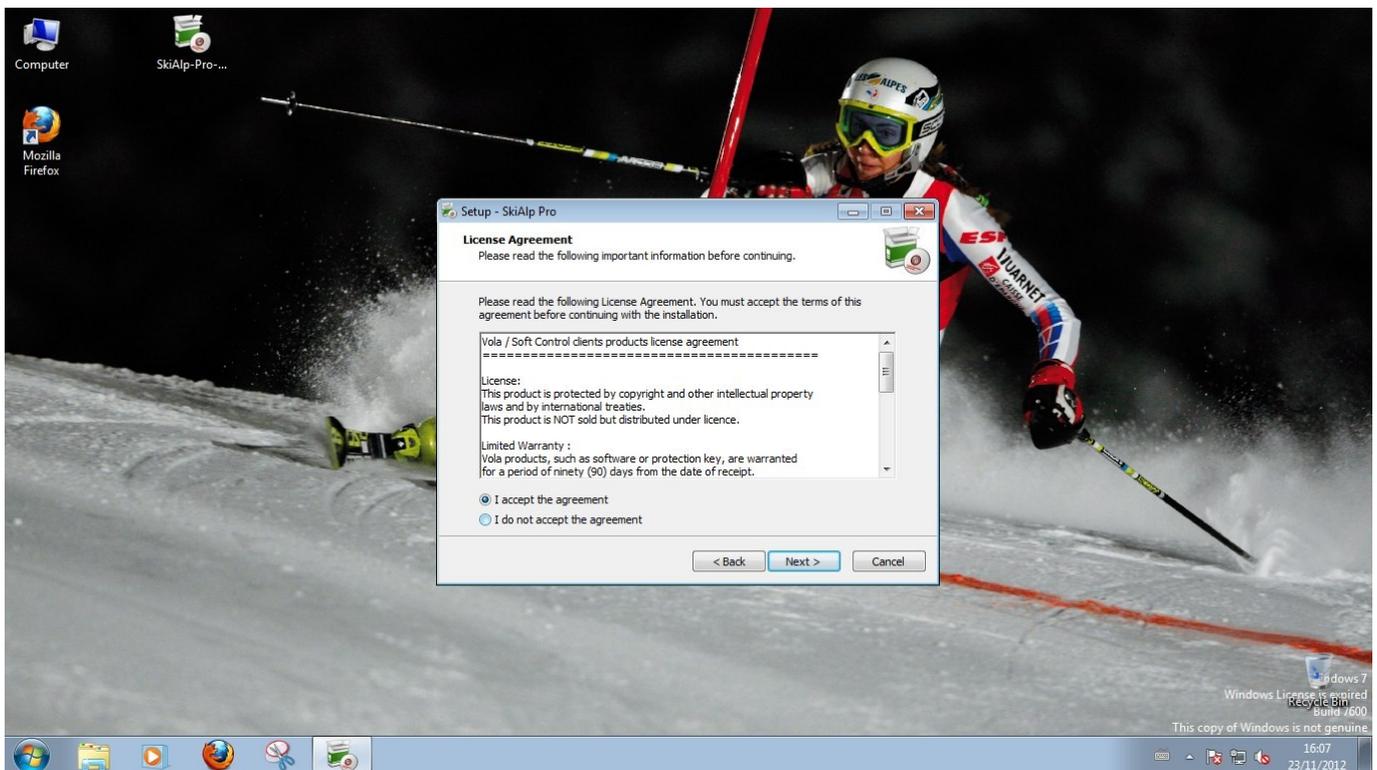
Step 8: The application for installing the software will open and show the following window.

Continue the process.

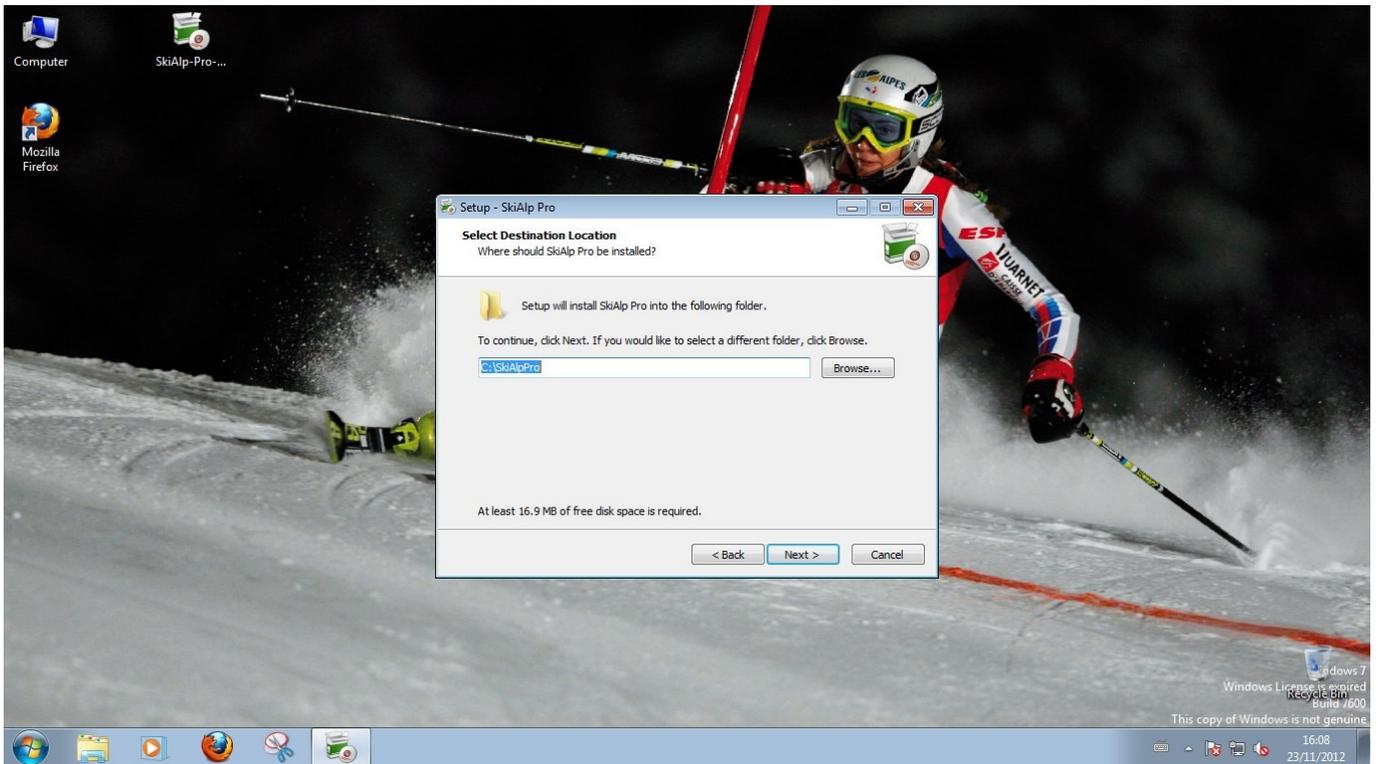


Step 9: Read the licence contract carefully and accept it.

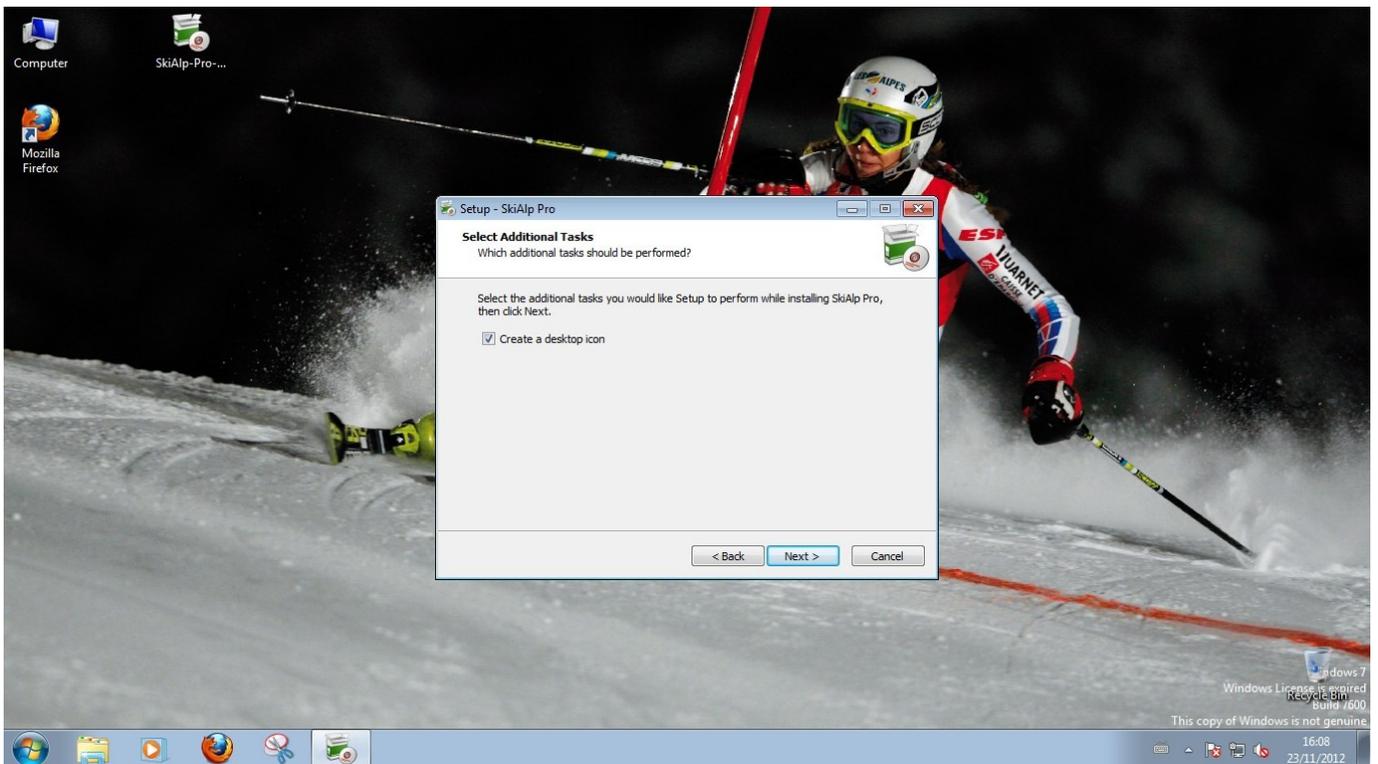
Then, click on "Next".



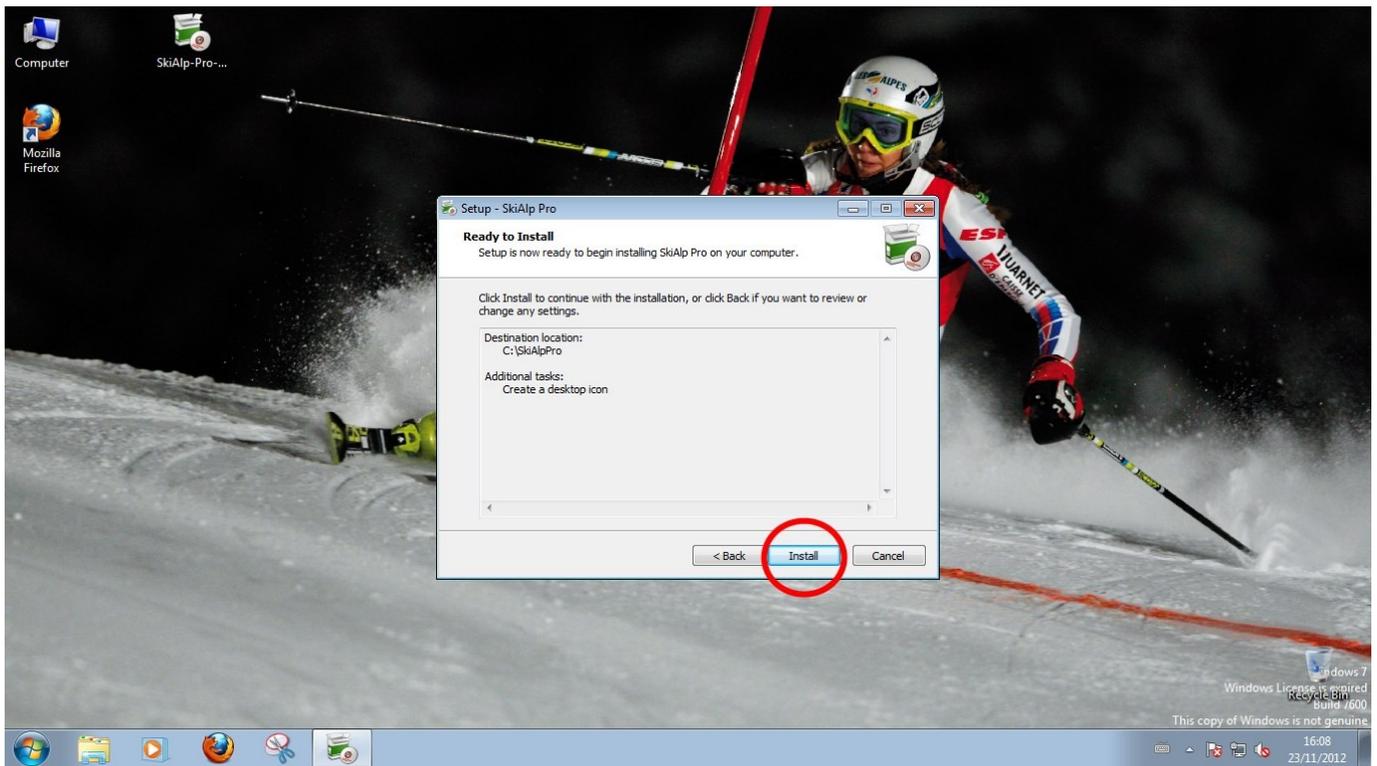
Step 10: The computer will automatically offer to install the software in the folder "C:\SkiAlpPro". Click on "Next" if you agree or specify another directory if you want to install the software somewhere else.



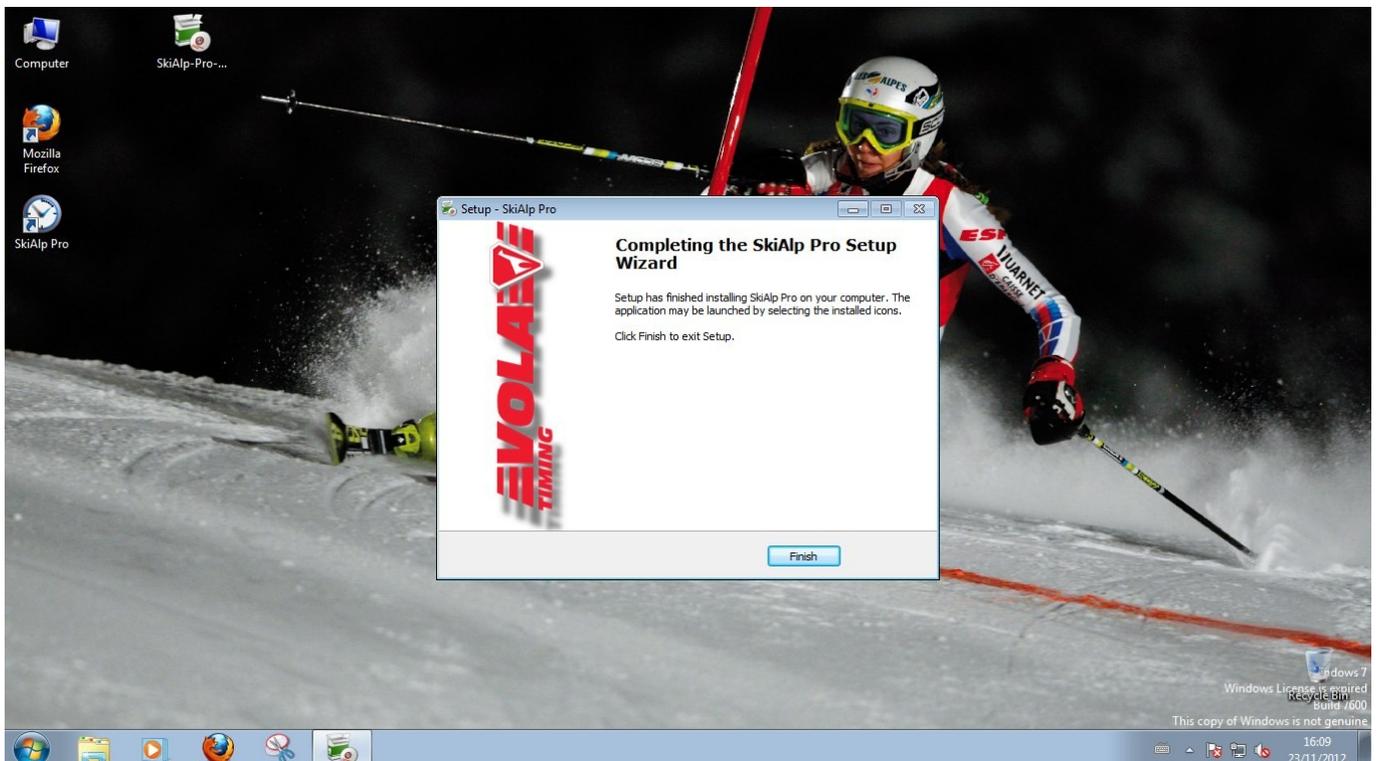
Step 11: The install application will offer to create a shortcut on your computer's desktop. Choose to do it or not and click on "Next".



Step 12: The install application will summarise your installation request. If you agree, just click on "Install". If not, go back and configure the installation as you want.



Step 13: The installation process is now completed. Click on "Finish" to conclude it. The shortcut for <SkiAlp-Pro> will now be on your desktop if you have selected that option.



Launching <Ski-Pro>

Step 14: <Extended> Version: if you have purchased a licence key for <SkiAlp-Pro> <Extended>, a USB software protection key should have been shipped to you.

If this is the case, plug it now into a USB port of your computer.



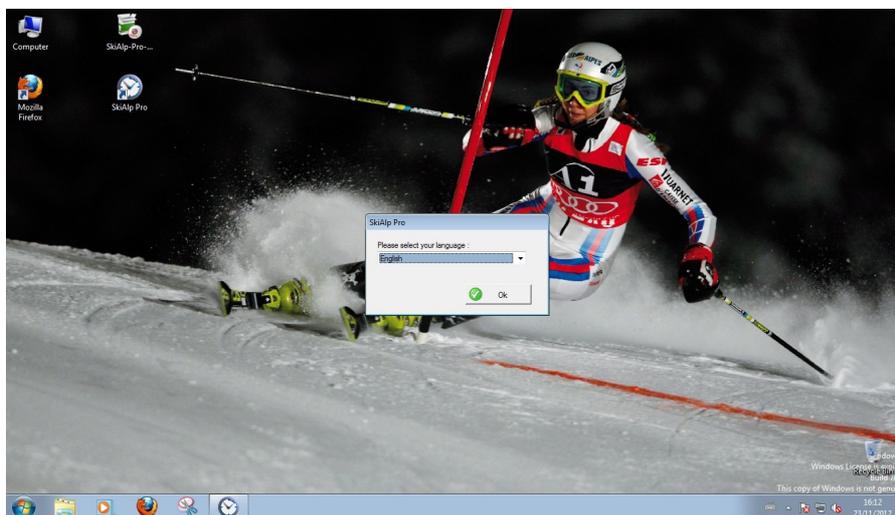
Step 15: Double-click on the shortcut for <SkiAlp-Pro> to run the software. If you have not plugged any appropriate protection key, it will run in <Free> mode.

This <Free> mode is designed for simple kind of races: access to timing devices and scoreboards is restricted according to current software agreement, race data management is limited (limited competitors information, exports only possible in PDF format, no data sending to <Live-SkiAlp-Pro> and <Video-SkiAlp-Pro>).

Otherwise, with a protection key, the <Extended> mode will run as on Step 17.

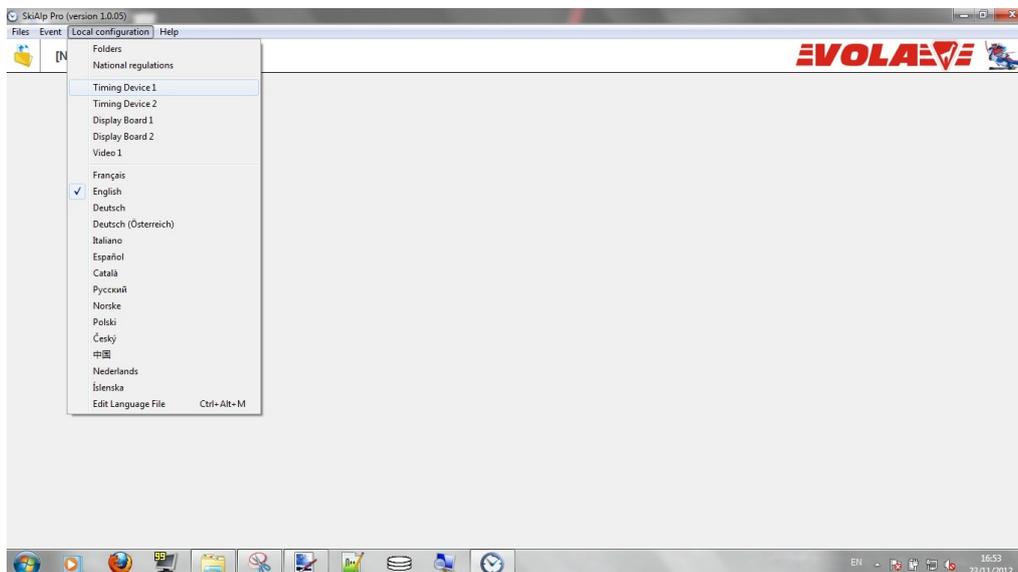


Step 16: Choose the language you want to use.



Checking the Timing Device connection

Step 17: The software has now been launched. Go to "Local configuration" and choose "Timing Device 1" to check that your timing device has been recognized.



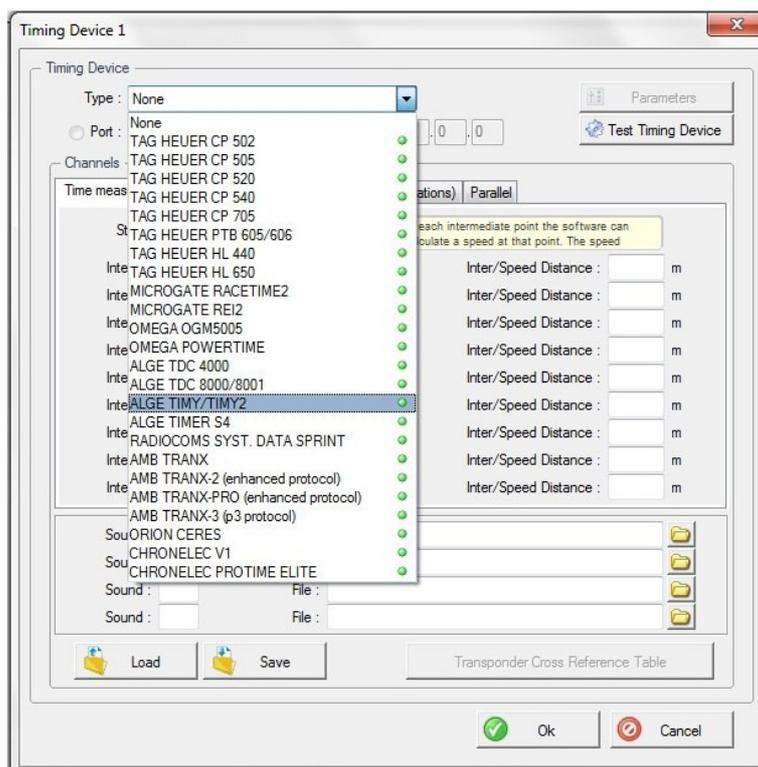
Step 18: Choose your timing device in the list.

Alge and TAG Heuer timing devices work directly with VOLA software in <Free> mode. For the other timing brands, you must run software in <Extended> mode. For that, you have to purchase a dongle which will unlock the software.

Check the communication port where you have connected your timing device:

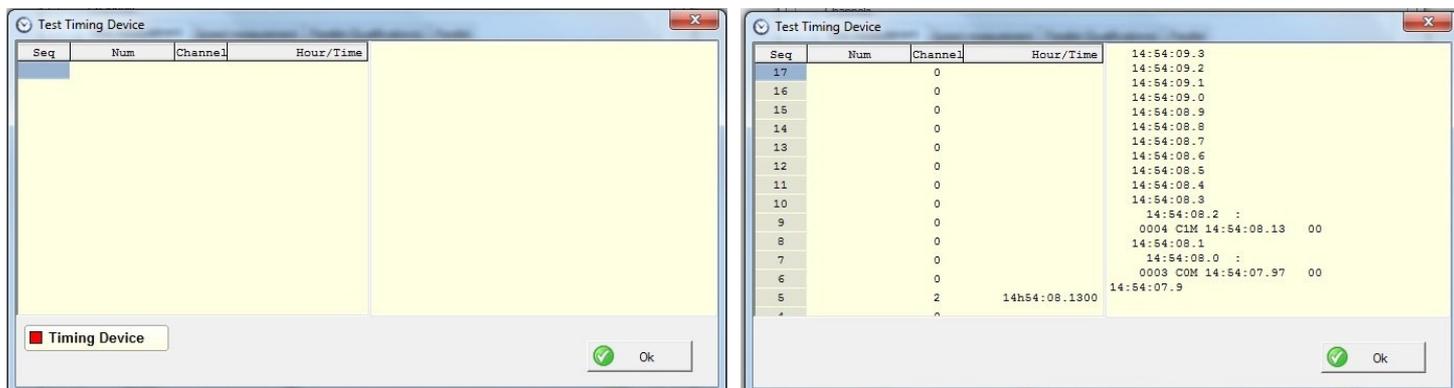
COM port (port number), USB (USB Driver on CD-ROM) or Ethernet (IP address).

If you don't know which communication port is used, see the method to find it in the document "Frequent questions for SkiAlp-Pro" which is downloadable on www.vola.fr.



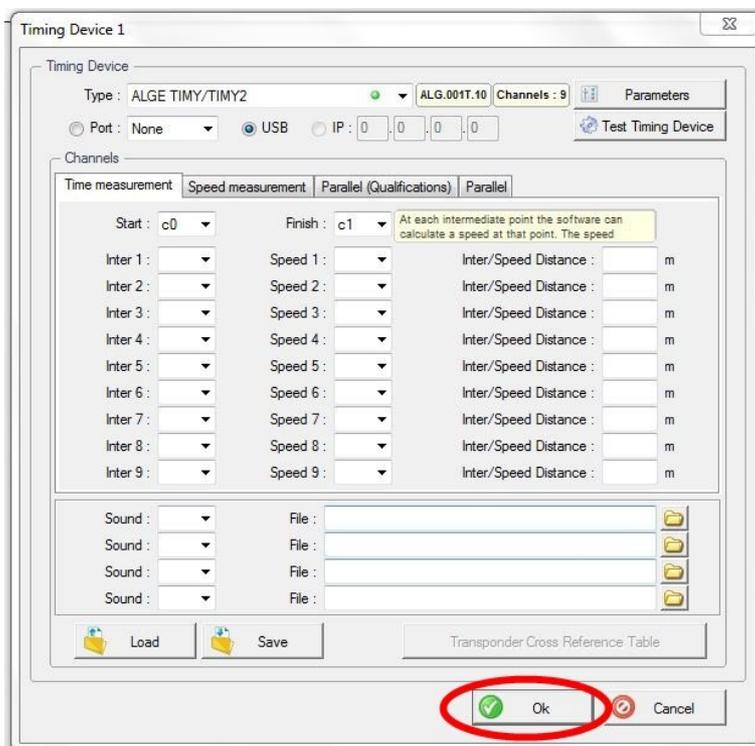
Step 19: In the previous window, click on the button "Test Timing Device" which will bring you to the following window.

Here, you should have your timing device recognized provided that it is connected and turned on. If your timing device is not recognized, a red square will appear as below.



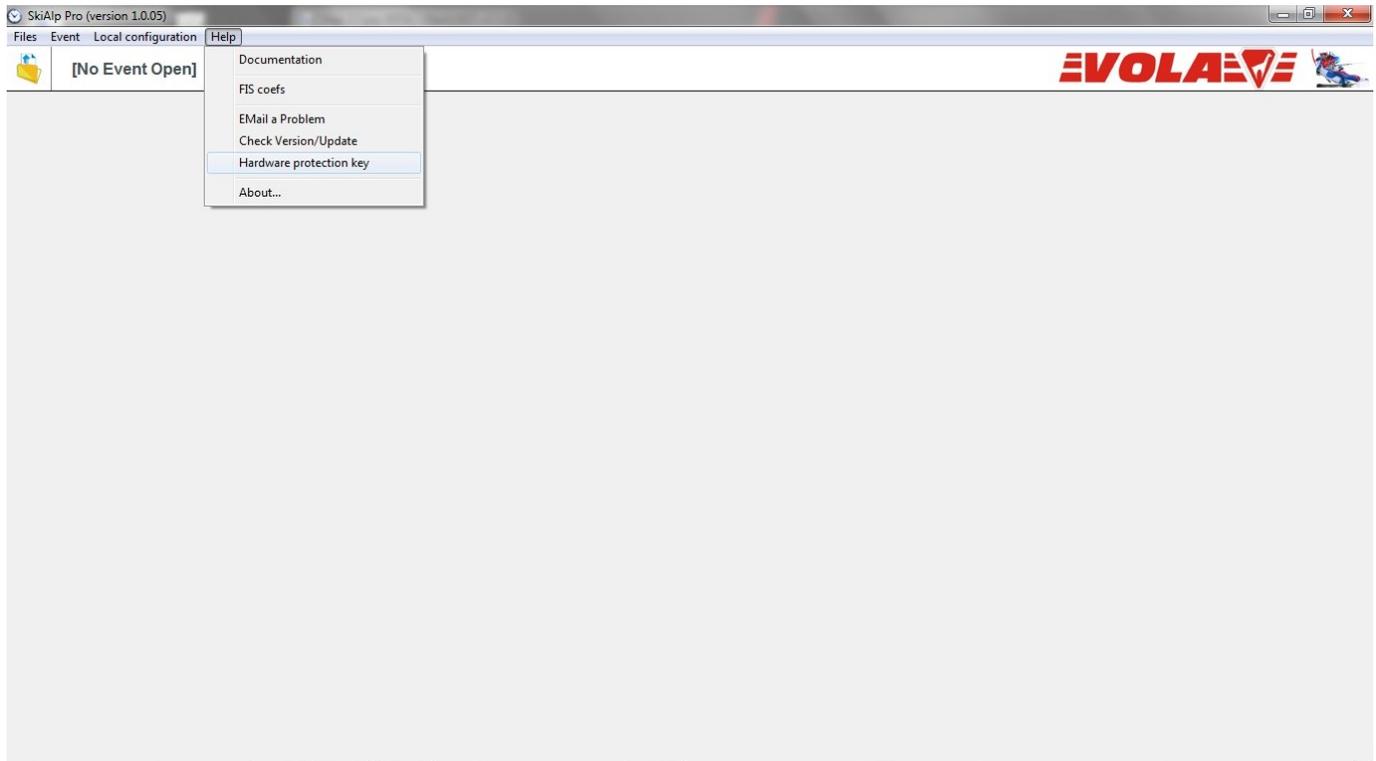
In this case, close this window, check the connection (go back to Step 17) and click again on the button "Test Timing Device". The test window opens. Create impulses on your timing device (e.g. manual impulses). Check that these impulses and their data are well displayed in this test window. You can then exit by clicking on "OK".

Step 20: You are now back to the timing device connection. If everything looks correct for you and if the "timing device test" has worked, click on "OK". If your timing device is not recognized, don't try to go further but check again its plugging configuration.



Checking the dongle protection key

Step 21: To use the <Extended> mode, you have to check if your dongle is well plugged and recognized. In the menu "Help", click on "Hardware protection key".



Step 22: The window below will open. First check the square to the left of the label "Hardware protection key". If the square is green, your dongle is recognized. If it is red, no dongle is connected and the software is locked. (Only the <Free> mode works.)

The green square shows that a dongle is connected to the computer.

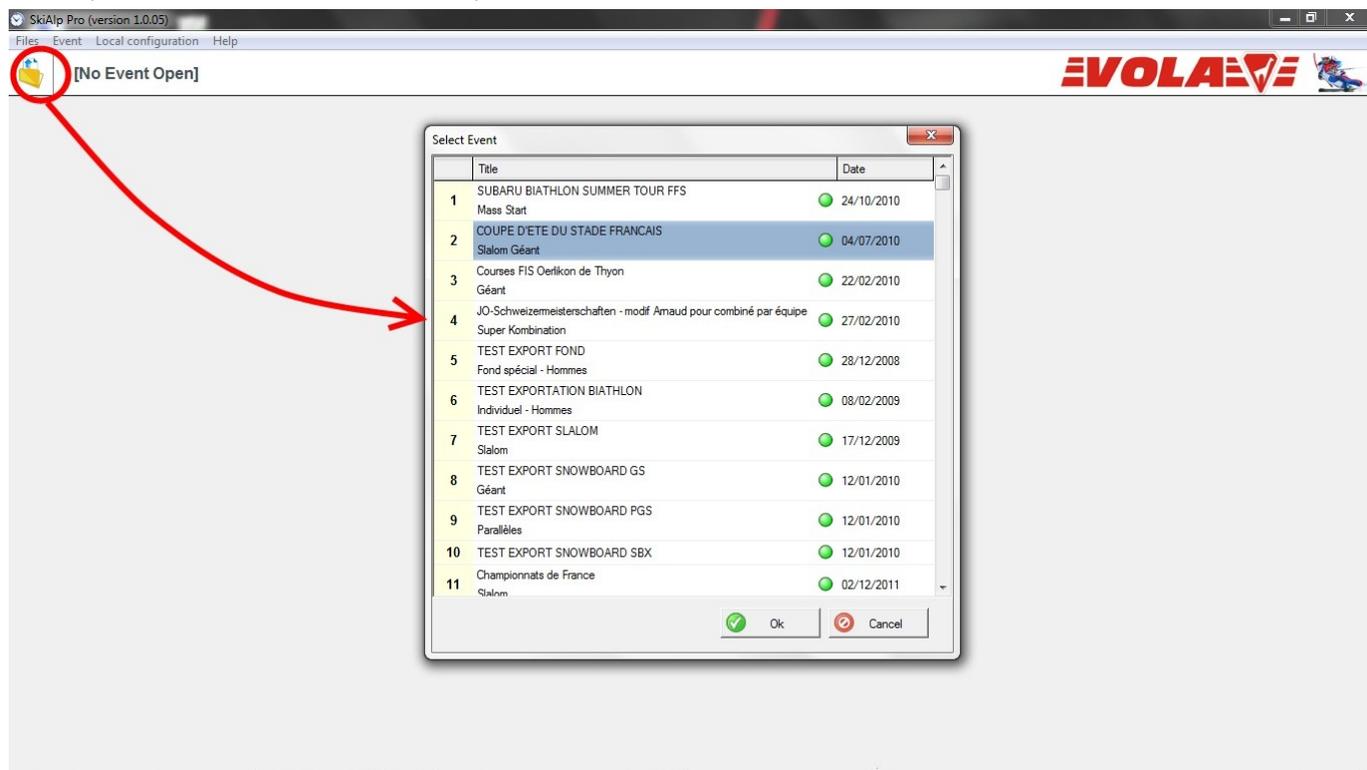


This red cross in the <Extended> column shows that the dongle is not coded for unlocking <Display-SkiAlp-Pro>.

Whereas the two green tickmarks mean that the dongle is coded for unlocking <SkiAlp-Pro> and <Video-SkiAlp-Pro>.

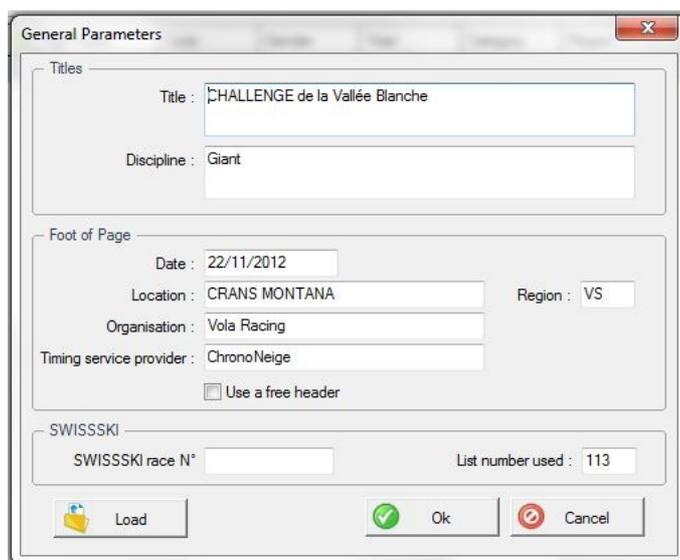
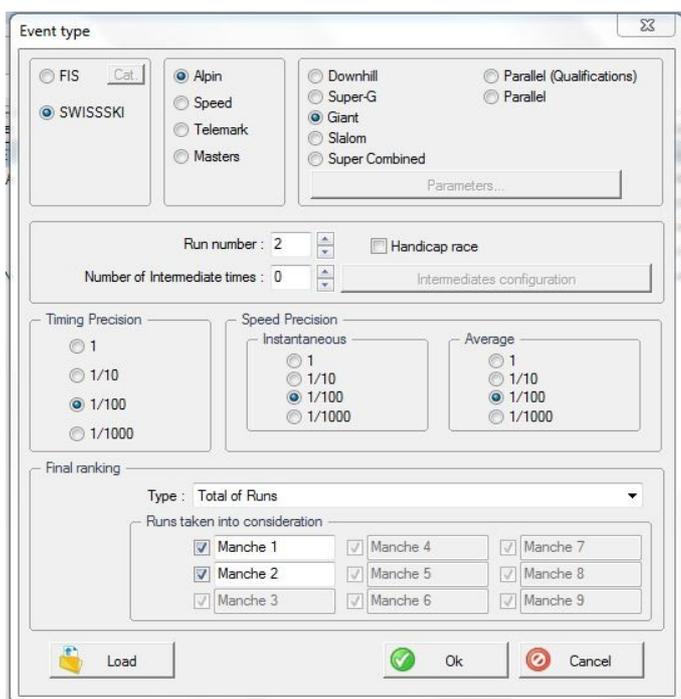
Opening an event

Step 23: You have now checked your timing devices and your dongle protection key if you have one. It's now time to open a race by clicking on the big icon "Open a race". The window below will open and you will have the choice to open a race or to create a new one.



Step 24: If you create a new event, the software offers you to fill the "Event type" and the "General Parameters" too. You can do it immediately or fill it later.

The data entered here will be displayed in the main window of <SkiAlp-Pro> and in the edits.



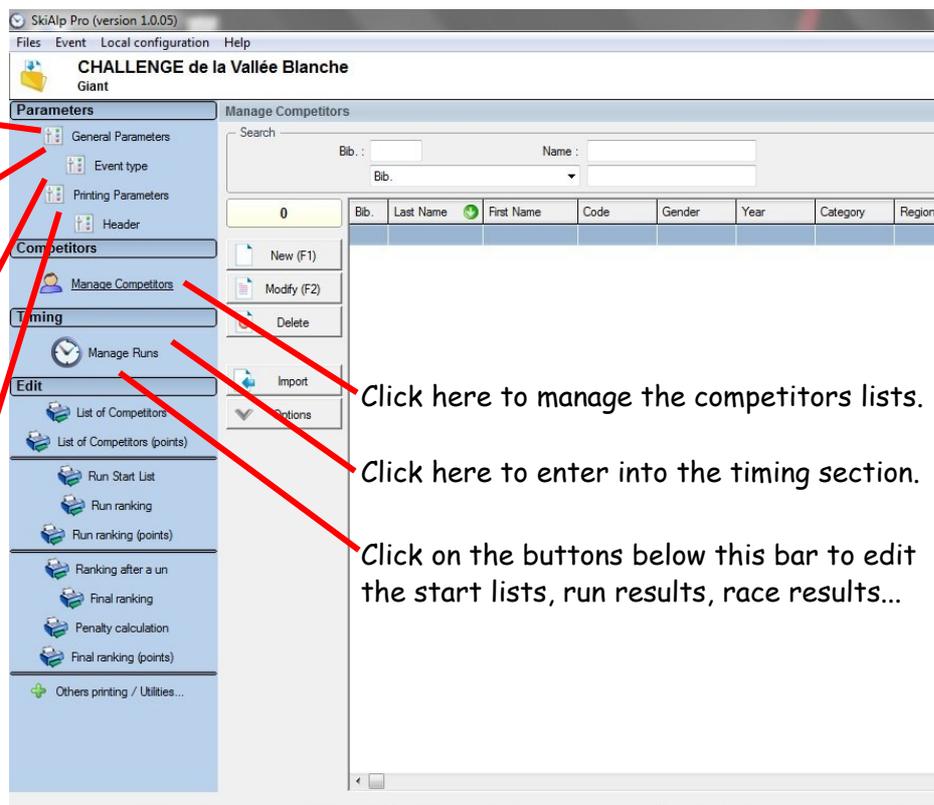
Step 25: You have now entered in the event you have selected. This section allows you to update the general parameters and editing parameters (font, size, logos adding and positioning). And it enables you to manage the competitors and to export or print data edits.

You can fill title, foot of pages, FIS codex...

You can fill sports, disciplines, number of runs, timing precision...

You can fill fonts, display, margins and logos.

You can fill forrunners, competition jury, technical data of the slope...



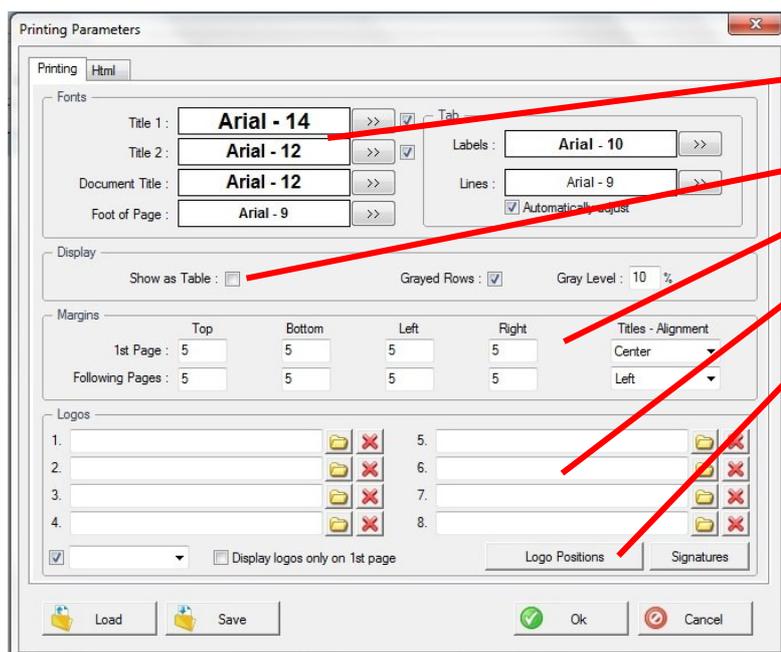
Click here to manage the competitors lists.

Click here to enter into the timing section.

Click on the buttons below this bar to edit the start lists, run results, race results...

Step 26: The printing parameters can be configured later at the time when you need an edit. This window has two tabs.

The setup for logos and HTML exports are available only with a protection dongle coded for <SkiAlp-Pro> <Extended>.



- You can choose the character size and font,

- present rankings and start lists in a table format,

- set the margins and alignments, - add image files (logos of sponsors, ski resort, etc.)

- and position the logos on the editing documents.

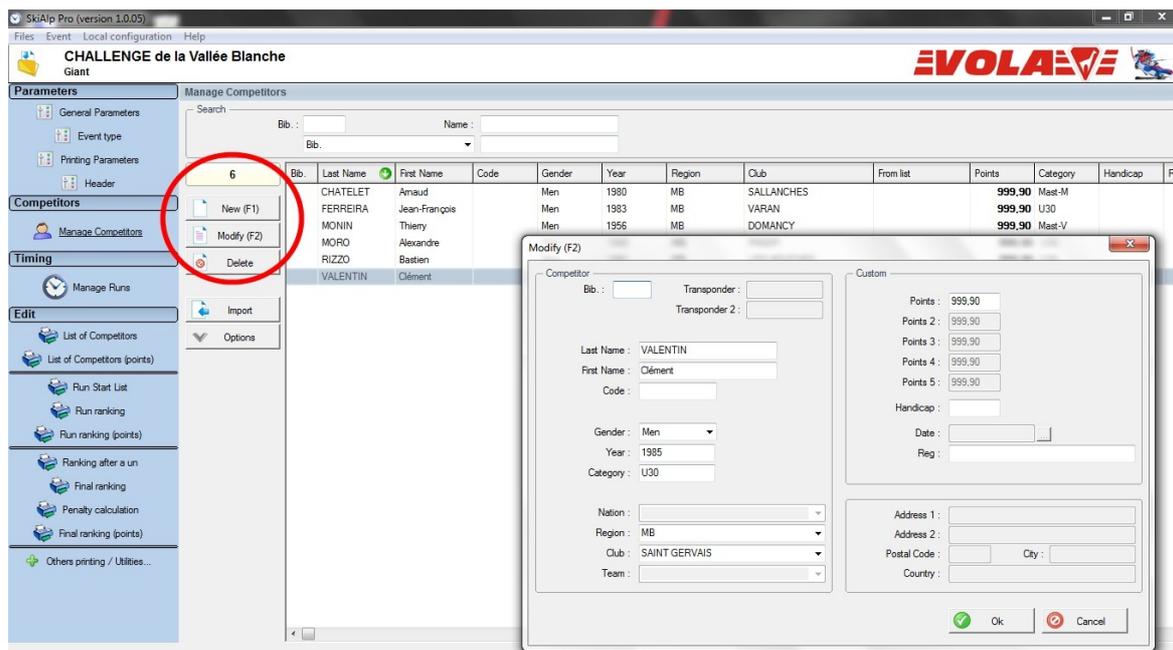
Managing the Competitors of the event

Step 27: You can enter competitors by using the buttons "New", "Modify" and "Delete".

Without dongle, <SkiAlp-Pro> is in <Free> mode and the only available data for competitors will be:

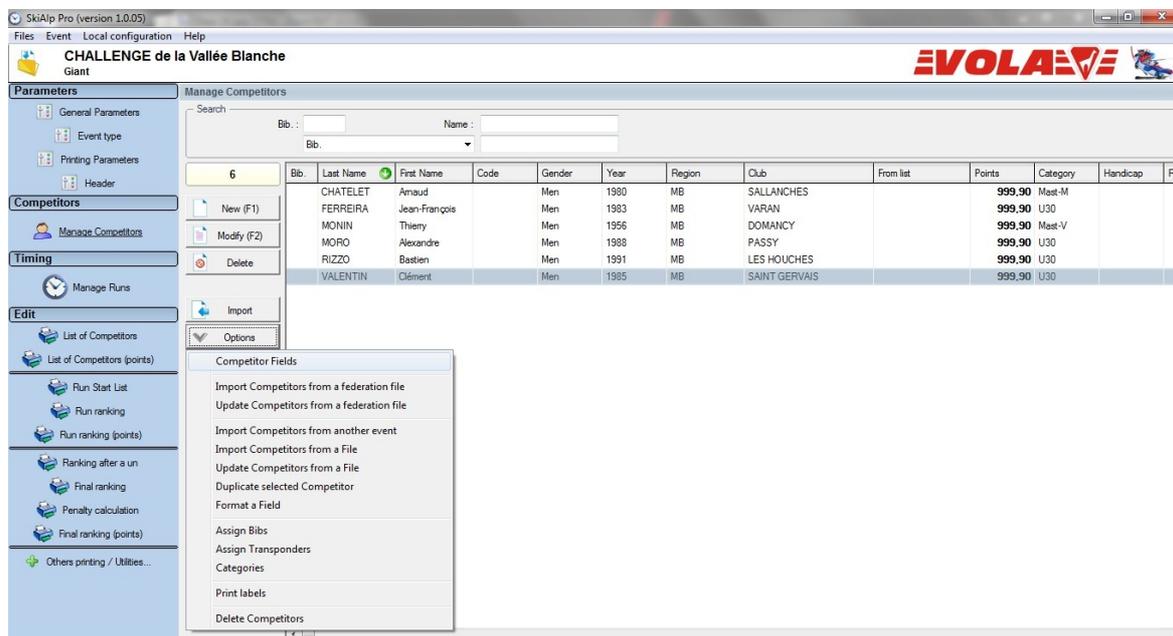
- Bib number, Last Name, First Name, Code, Gender, Category, Region, Club
- Federal List inscription (list number) and all the Points.

But with a dongle with <SkiAlp-Pro><Extended>, you can add more information (Nation, Transponder, etc.) by clicking on the button "Options", then choose "Competitor Fields".

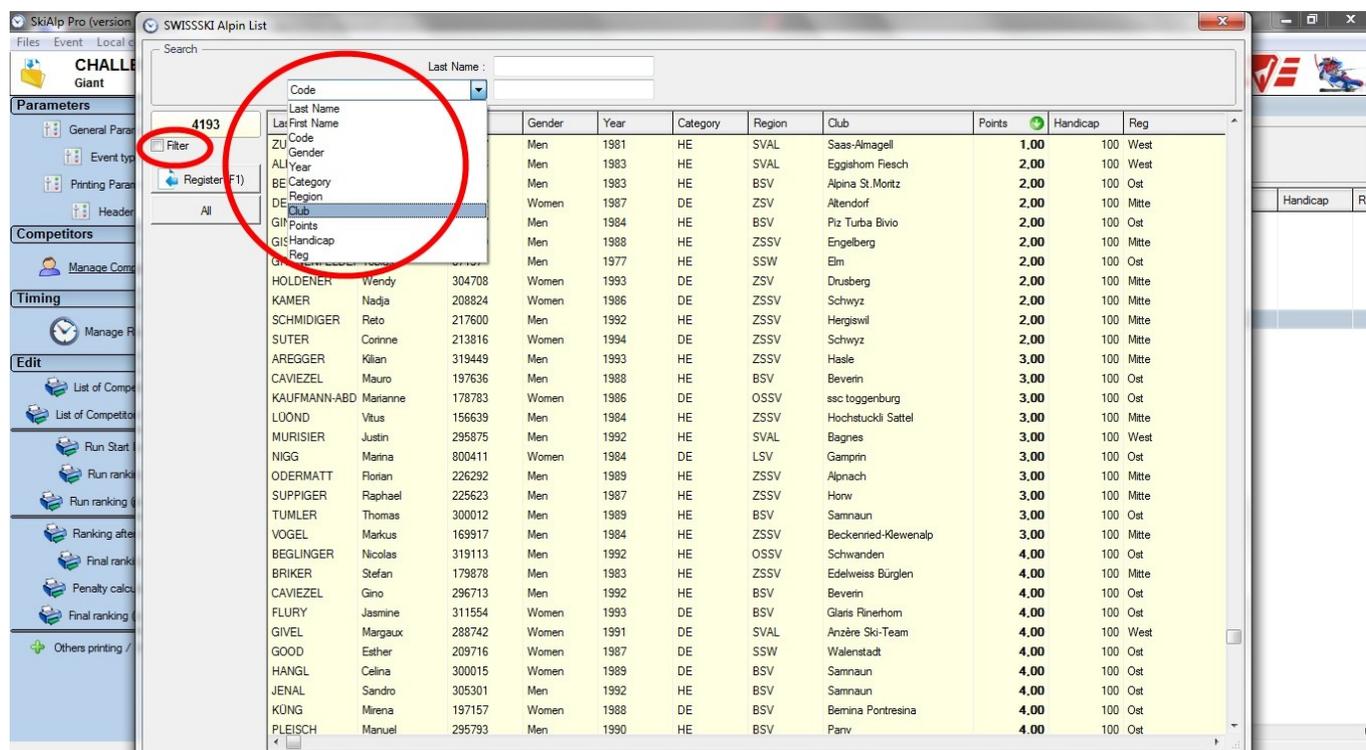


Step 28: You can also import competitors from national lists, FIS lists or even from other races or from a file (TXT, XLS, FFS, etc.). Click on the button "Import" for the lists or on the button "Options" and make the choice which corresponds to your needs.

If you require more explanations, download the "Frequent questions" on our website.



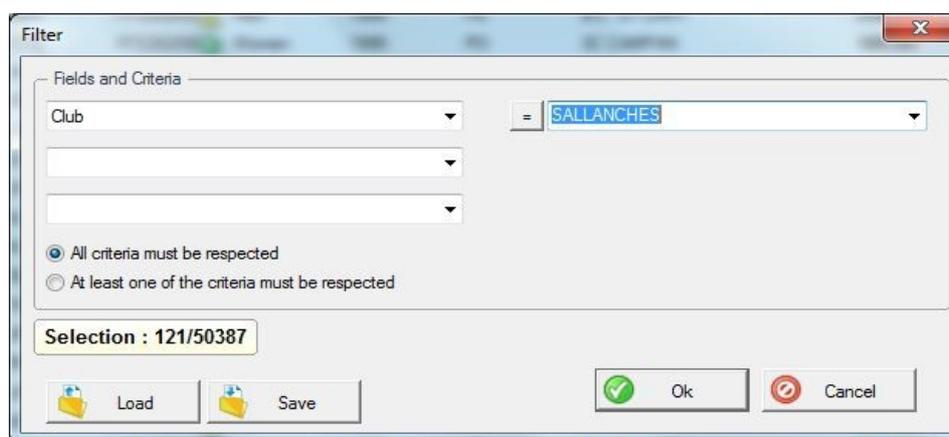
Step 29: Example: clicking on the button "Import", and then "FFS Alpine List: 213" and "Ok", the window below enables you to add competitors from this list (by double-clicking on the competitor's line or pressing F1 key). You can also add a customized selection by clicking on the check-box "Filter".



Step 30: Example of a filter intended to import a selection of competitors:

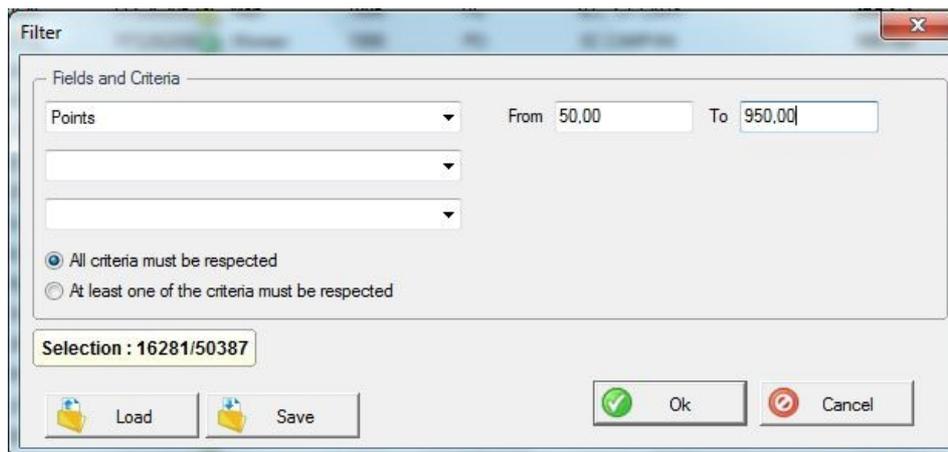
- to select all the licensees of the club of "SALLANCHES":

choose in the first combo-box: "Club" and then click on the small symbol button enough times to display the mark "=" and then enter "SALLANCHES" in the combo-box to the right or select "SALLANCHES" with the mouse in the suggested list.



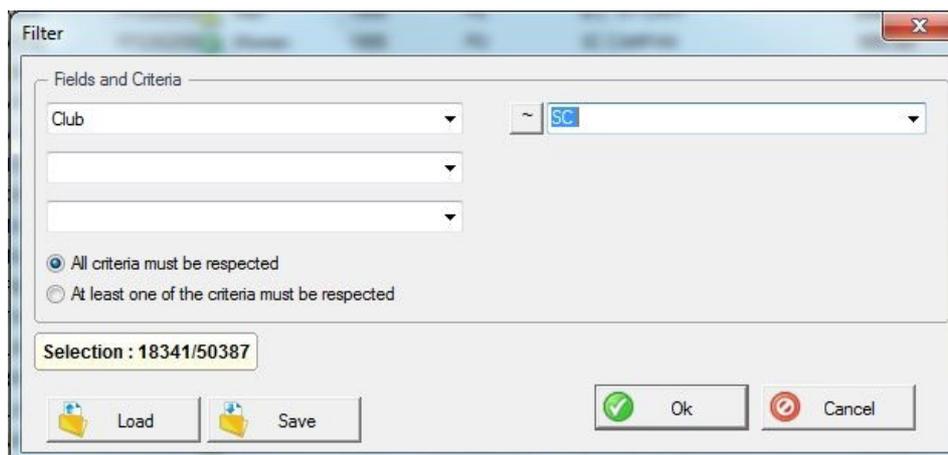
- to select the skiers having 50 to 950 points:

choose in the first combo-box: "Points" and then fill the edit-boxes according to your wishes.



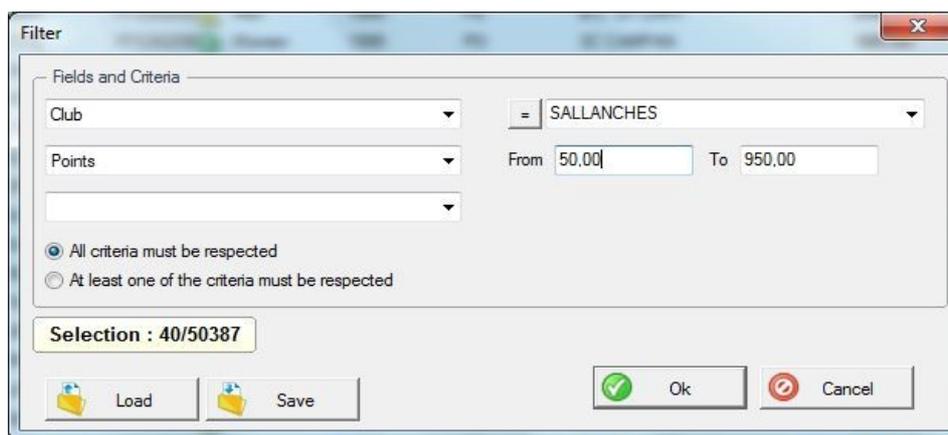
- to select the skiers whose club begins with the character string "SC":

choose in the first combo-box: "Club" and then click on the small symbol button enough times to display the mark "~" and then enter "SC" in the combo-box to the right (if auto-completion is suggested, press the "Delete" key on your keyboard to keep only the string "SC").



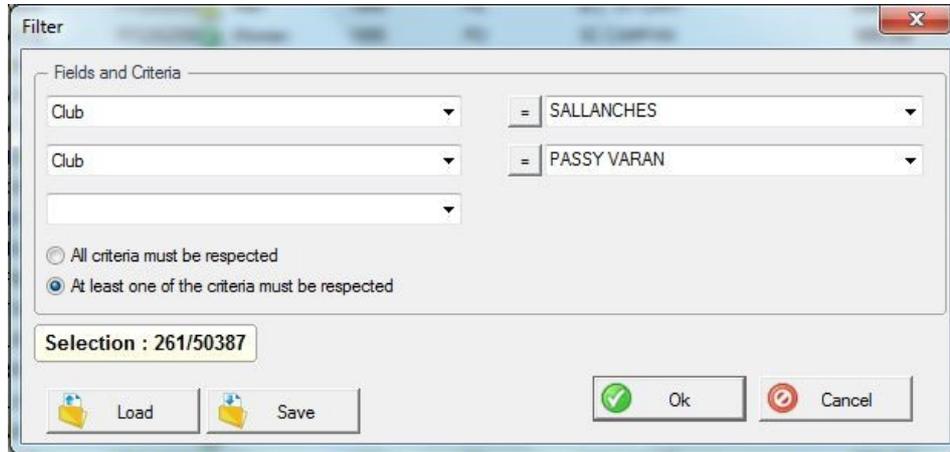
- to select the skiers of "SALLANCHES" AND having 50 to 950 points:

on the first line: choose: "Club", select the mark "=" then enter "SALLANCHES" in the combo-box to the right ; on the second line: choose: "Points", then enter the desired values ; and last make sure that the radio-button "All Criteria must be respected" is active.



- to select the skiers of the club of "SALLANCHES" OR of "PASSY VARAN":

on the first line: choose: "Club", select the mark "=", then enter "SALLANCHES" in the combo-box to the right ; on the second line: choose: "Club", select the mark "=", then enter "PASSY VARAN" in the combo-box to the right; and last make sure that the radio-button "At least one of the criterion must be respected" is active.



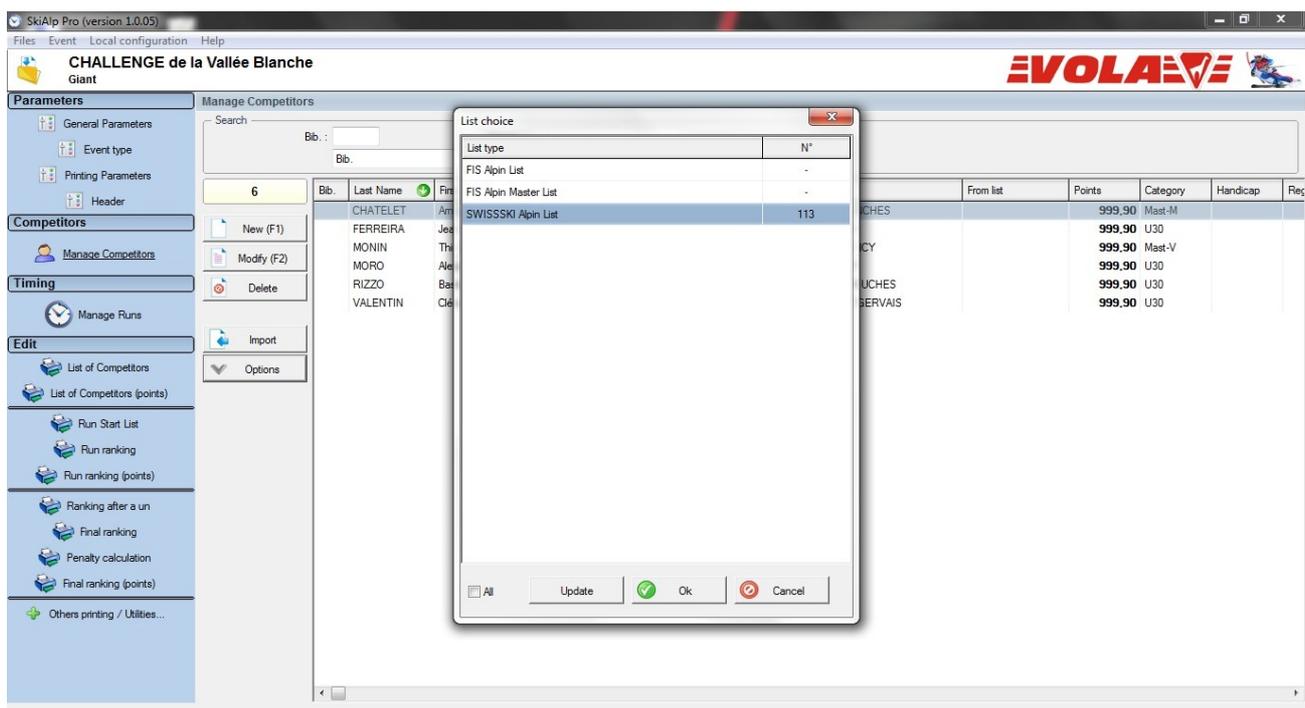
=> After each of these filters you will have to click on the button "Ok" to view the filtered selection, and then making sure the check-box "Filter" is still checked, click on the button "All" to add the whole selection to your event competitors list.

=> You can also save this filter to .FLT file in order to reuse it by clicking on the button "Save", or load an already saved filter by clicking on button "Load" and choosing the wished .FLT file.

=> Simultaneously to your completion of the filter, the field "Selection" will indicate how many competitors are retrieved for the current filter (or filters combination).

Step 31: Once all competitors entered, you can ensure that you have the correct points values of current federal lists.

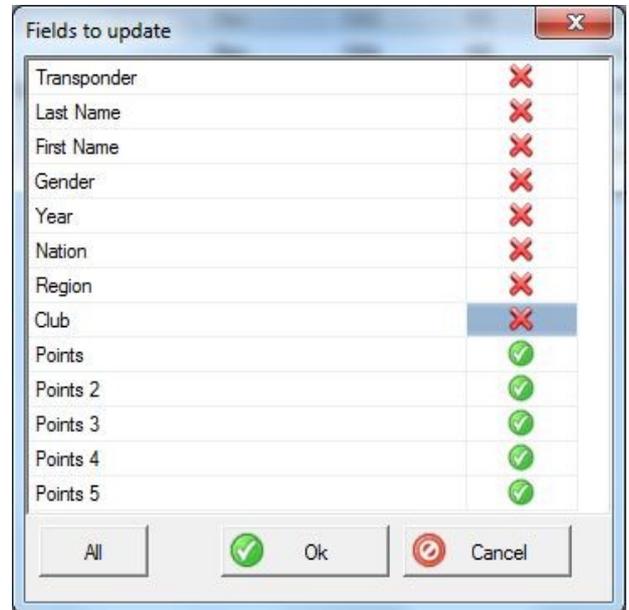
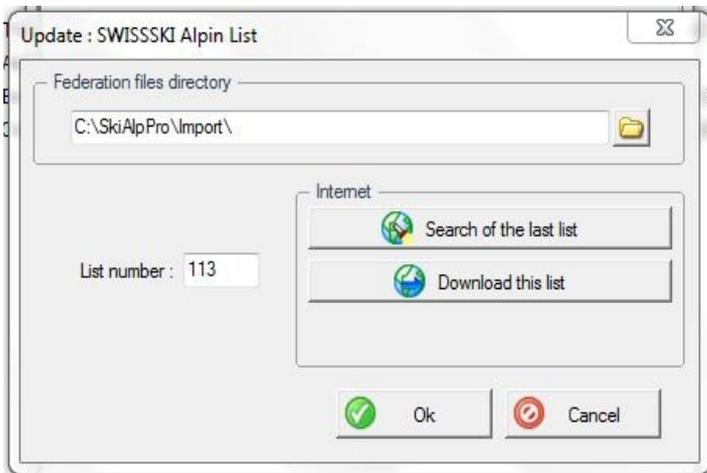
To do this, click on the button "Options", and then "Update competitors from a federation file" ; the following window opens:



Select with a click the desired federal list.

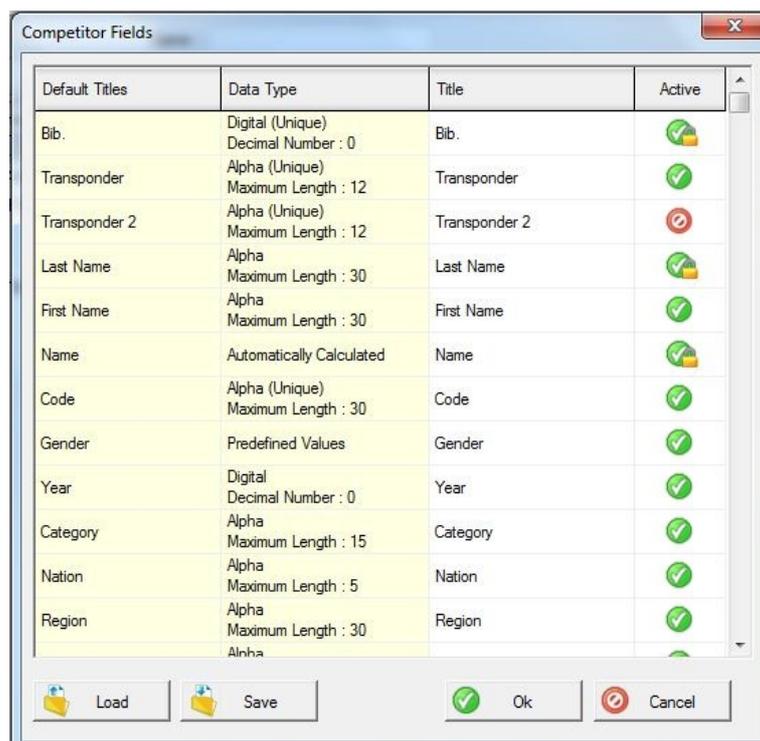
If you want to download this list or check its validity, you must be connected to the Internet. Click then on button "Update". In the window that opens, click on "Search of the last list". Once found the number of the most recent list, click on "Download this list" and validate with "OK".

In the window which opens, choose the information that you wish to update.

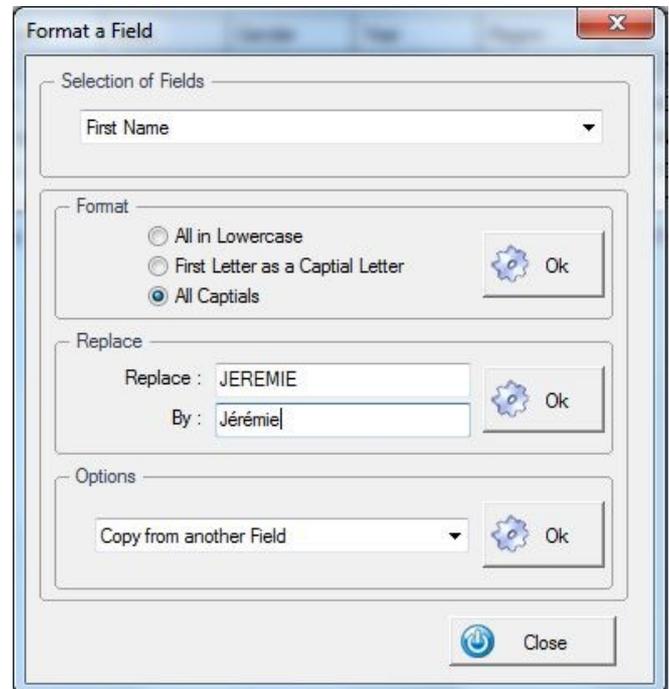
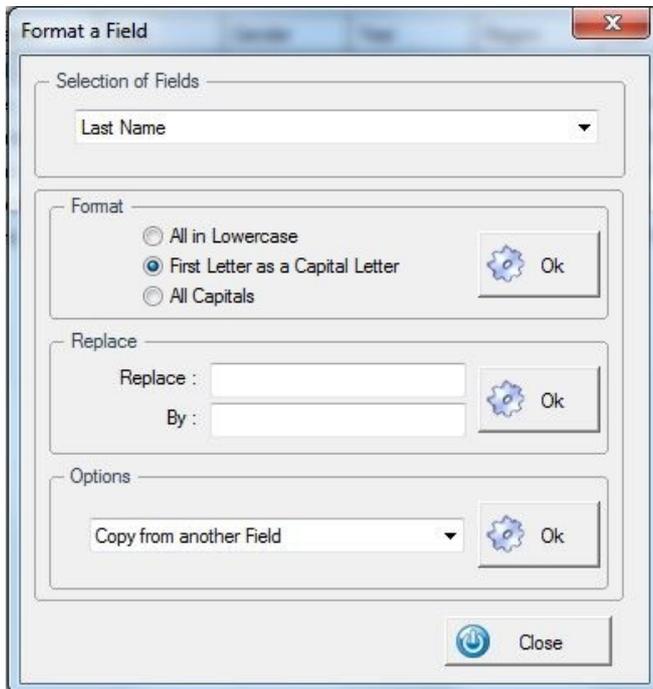


Step 32: When you are in section "Manage Competitors" and if you click on the button "Options" you also have the choice to:

- **set up the "Competitor Fields":** which correspond for example to the columns in the grid listing the competitors ; that is to say that if you think that a field is not relevant for your competition you can uncheck it in this "Competitor Fields" window:



- **“Format a field”**: for example, reducing upper case words to lower case with the first letter in capital, or to replace the word “JEREMIE” with “Jérémie”, etc. Click on the button “Ok” to apply this layout: this can be useful for the edits presentation and for the grid-lists clarity in <SkiAlp-Pro> too.



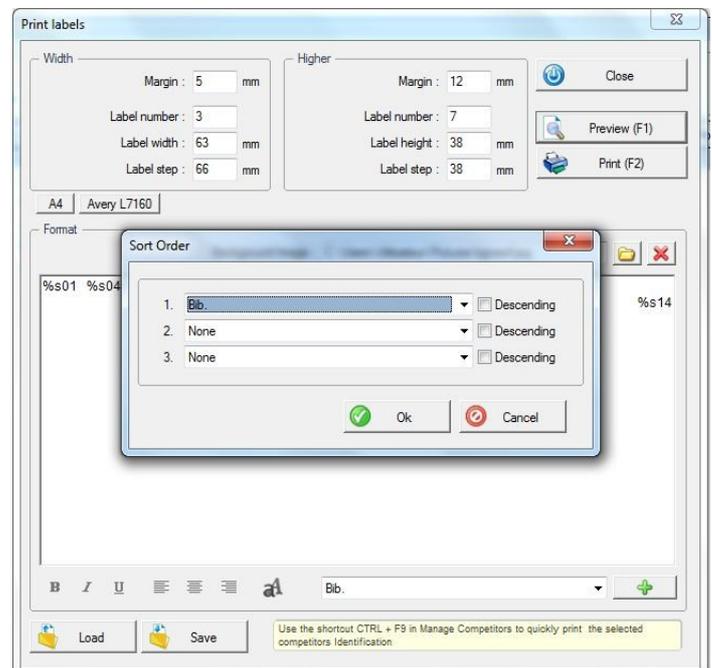
- **print the list of competitors with a customized layout by clicking on “Print labels”**:

you can here add:

=> a background image: if you wish it to be a watermark choose a transparent image or modify it in an image editor.

=> information on the competitors: Name, Club, etc.

By clicking on button “Preview” or “Print” you can then select the sort order for this list of competitors you would want to print.



- **“Delete Competitors”**: that is to say to delete a selection of competitors made through a filter. A warning window will then ask you to confirm your deletion request or not.



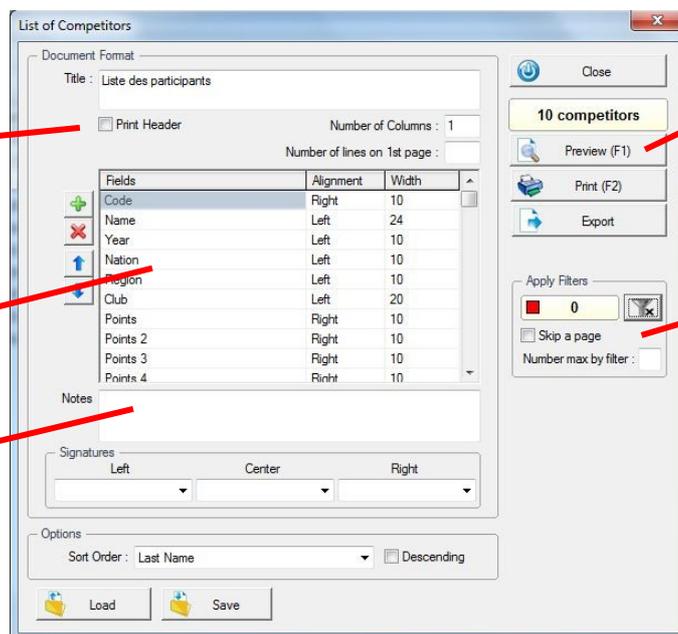
Step 33: You can now edit the competitors list by clicking on the link "List of Competitors".

If you have a protection key coded for <SkiAlp-Pro><Extended>, you will be able in this window to export this list to Excel, Text or HTML format or send it through a FTP transfer.

Set up the output layout:
title, header, number of lines, columns.

Select the fields you wish to publish and set up their layout.

You can write here a note that will appear at the end of the list edition.



Click here to preview or export a PDF file

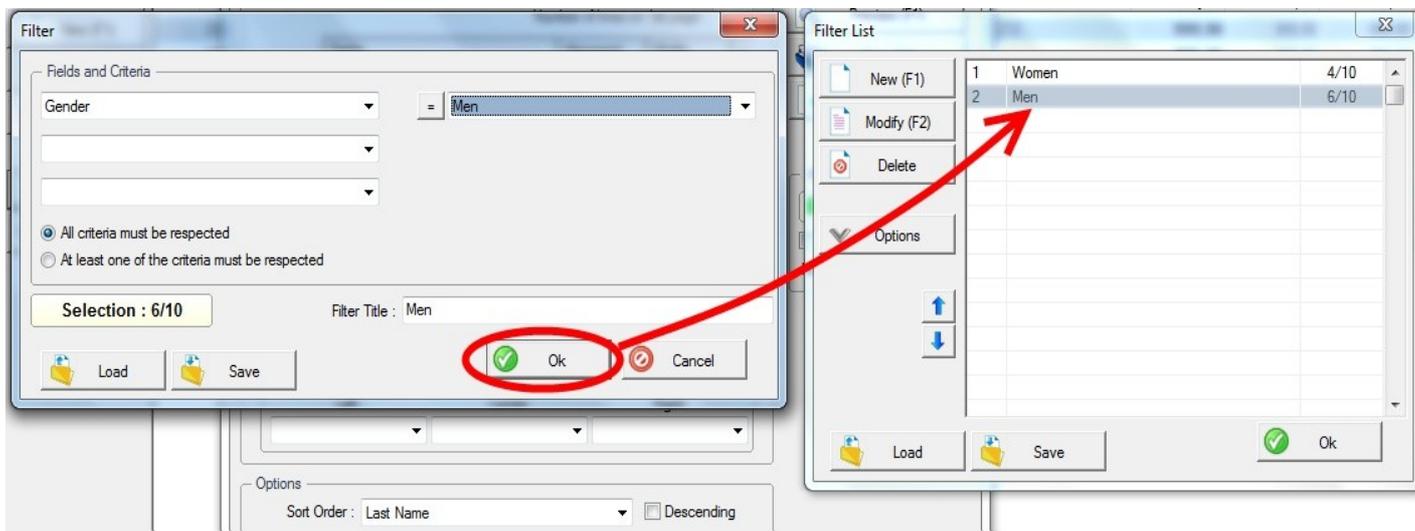
You can divide the edited list according to filters: see below for explanation.

=> **Applying filters: example of a gender division presentation:**

- in the window "List of Competitors", click on the "filter-icon" button in the "Apply filters" group-box.

- the "Filter List" window opens ; in the grid of this window a line will correspond to a division in your edition.

- example of a gender division: create a first division for women by clicking on button "New", then choose "Gender" in the first combo-box and then the mark "=" and pick "Women" in the right combo-box. Then create a division for men by clicking on "New", choose "Gender" again, mark "=", and "Men". Here is the "Filter List" you should then obtain:



Note: you can obtain the same filter list by clicking on the button "Options" in the "Filter List" window and pick "Create a list based on a particular Competitor field", choose "Gender", validate.

Then if you click on "Preview" you should see your competitors list divided according to the filter list as shown here:

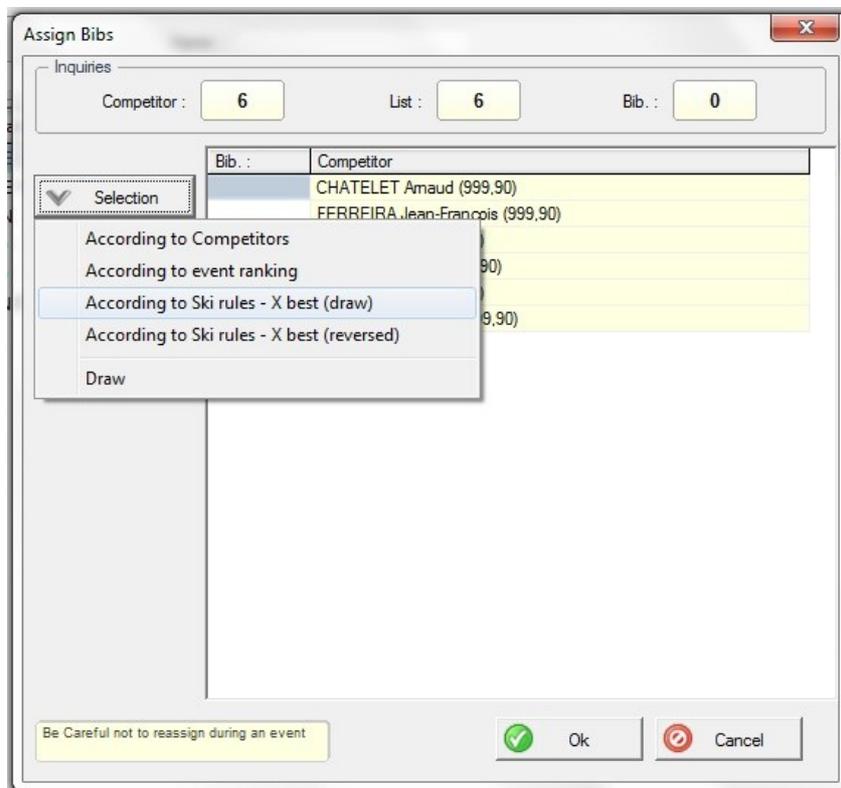
Championnats de France										
Slalom										
Liste des participants										
Code	Nom	Year	Nation	Region	Club	1 ^{ere} Partie	2 ^{eme} Partie	3 ^{eme} Partie	4 ^{eme} Partie	5 ^{eme} Partie
Women										
1	PREBERTO DE-SANTO JULIEN PAGUINE	1979	FRA	IVS	PASSY-VARAIN	-	-	-	-	-
2	PREBERTO MATHIEU LESIGLE	1976	FRA	IVS	PASSY-VARAIN	-	-	-	-	-
3	PREBERTO PATAU GUILLE	1992	FRA	IVS	PASSY-VARAIN	353.20	-	-	-	-
4	PREBERTO SOUDAN MICHAEL	1994	FRA	IVS	PASSY-VARAIN	500.00	-	-	-	-
4 competitors										
Men										
1	CHAILLET Arnaud	1980	FRA	IVS	PASSY	-	-	-	-	-
2	DISCHARDIN Jerome	1984	FRA	IVS	CHAUDREX	-	-	-	-	-
3	FERRERIA Jean-Francois	1982	FRA	IVS	VARAIN	-	-	-	-	-
4	JONES Anthony	1985	FRA	IVS	LES-HOUCHES	-	-	-	-	-
5	MORIS Alexandre	1982	FRA	IVS	PASSY	-	-	-	-	-
6	VALERIN Clement	1985	FRA	IVS	SAINT-GERVAIS	-	-	-	-	-
6 competitors										
02/12/2011 / SAINT GERVAIS (MB) / EBF St Gervais						27/12/2011 at 18:26 / Page 1/1				
Vola Timing (www.vola.fr) / Ski Pro 0.0.07						Roger Clarino 				

Assign bibs

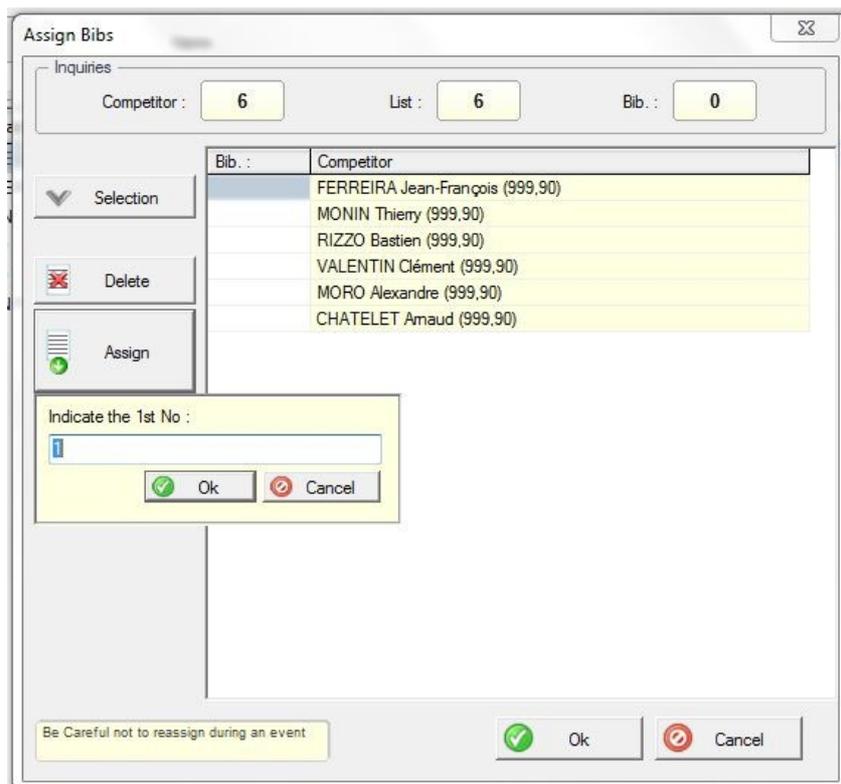
Step 34: Once you have imported your competitors, click on "Options" and then "Assign bibs".

The following window will open.

First, order or draw the competitors by clicking on the button "Selection".



Then click on "Assign". The software will ask you to "Indicate the 1st No". Except if you have specific needs, write "1" as your race bibs should usually start at bib 1.

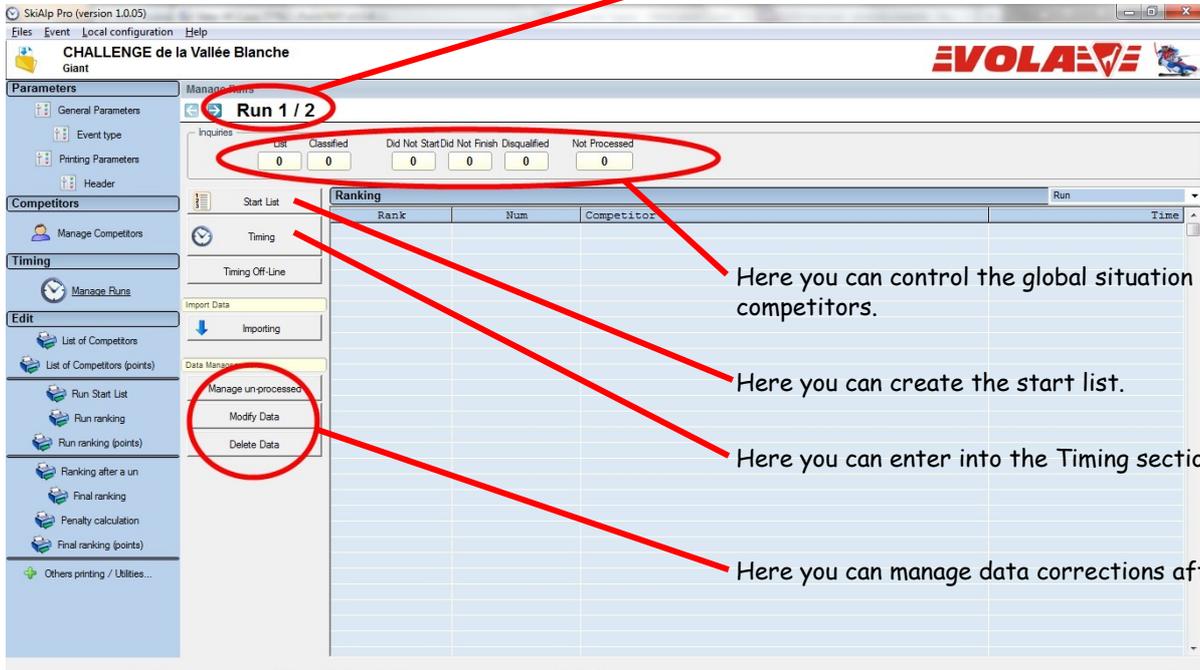


Managing the 1st run

Step 35: Click on the button "Manage Runs".

The main window background will now be blue.

Here you can check if you have correctly configured the number of runs.



Here you can control the global situation of the competitors.

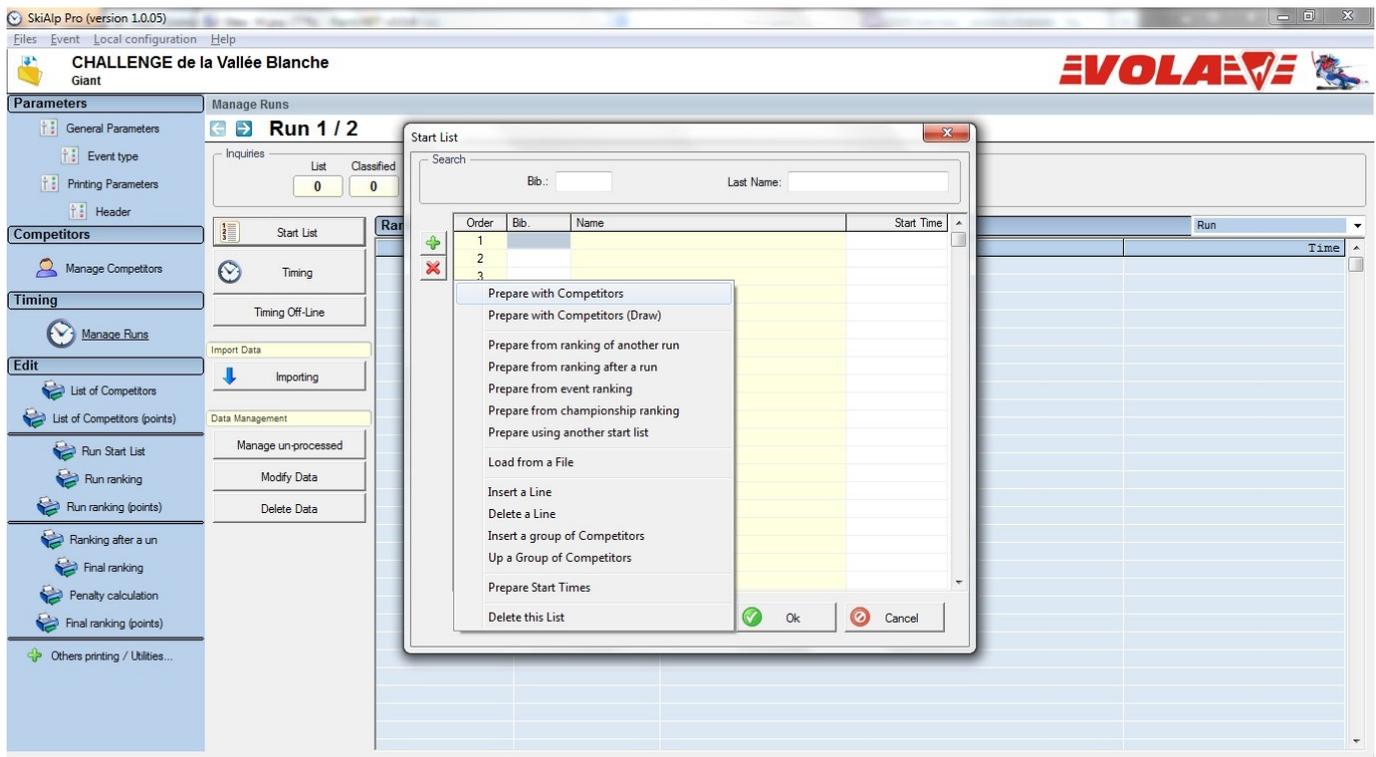
Here you can create the start list.

Here you can enter into the Timing section.

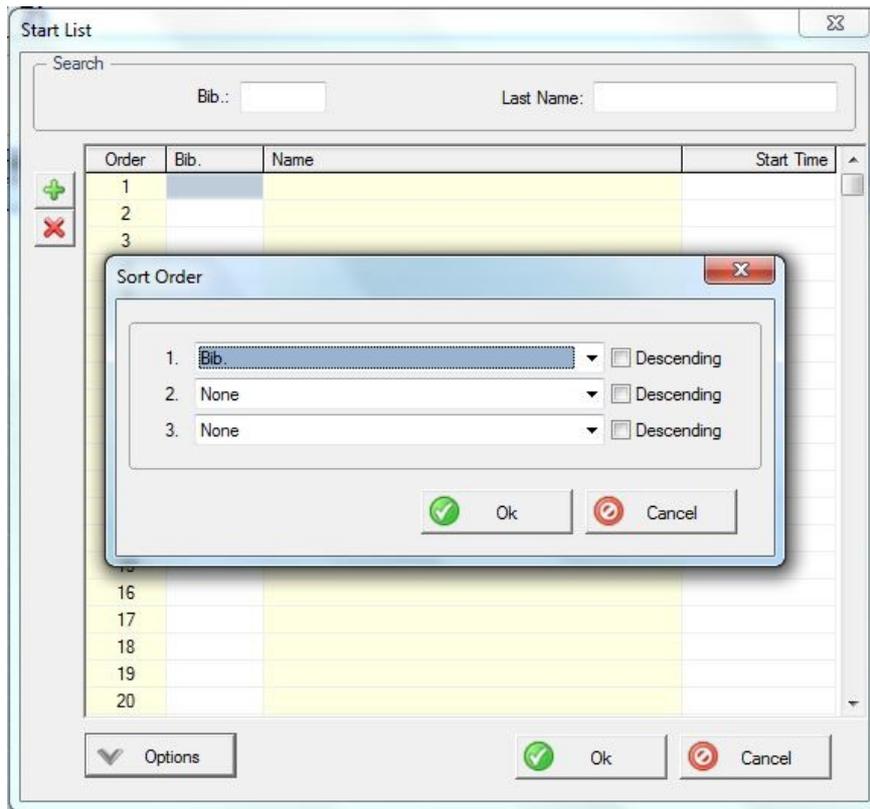
Here you can manage data corrections after your timing.

Creating the Start List

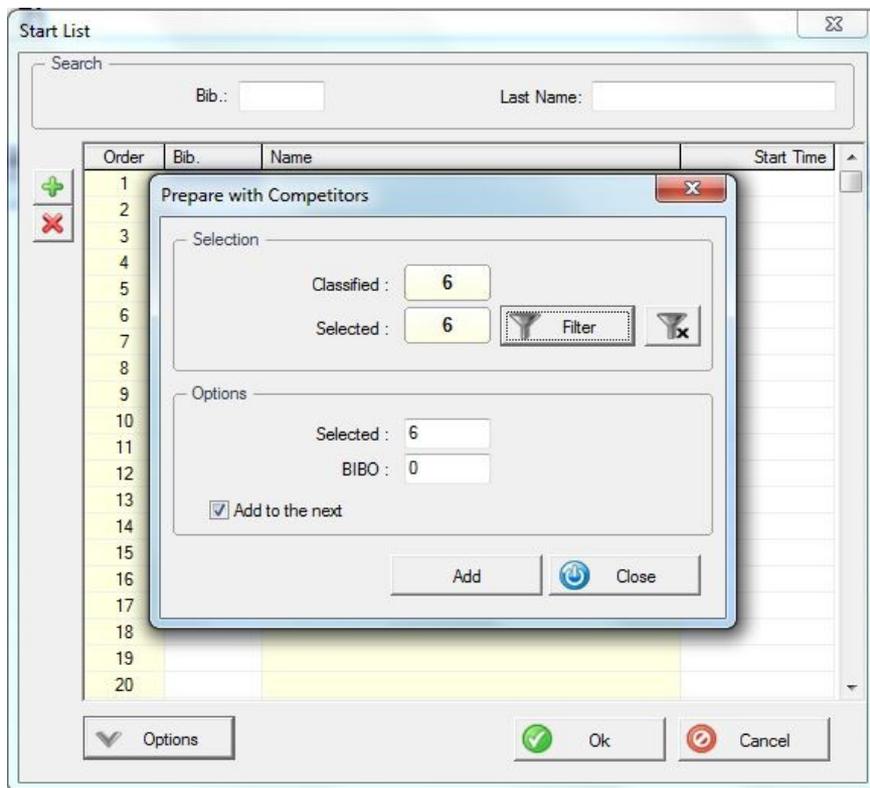
Step 36: You have first to create the start list. Click on the "Start List" button and the window below will open. You can prepare a start list from the competitors' list or from the first run results or from the ranking of another event, a championship ranking.... For a standard timing (1st run), choose "Prepare with Competitors".



Step 37: The following window will open and offer you the possibility to arrange by bib, last name, code, region, points.... Most common choice is by "bib".

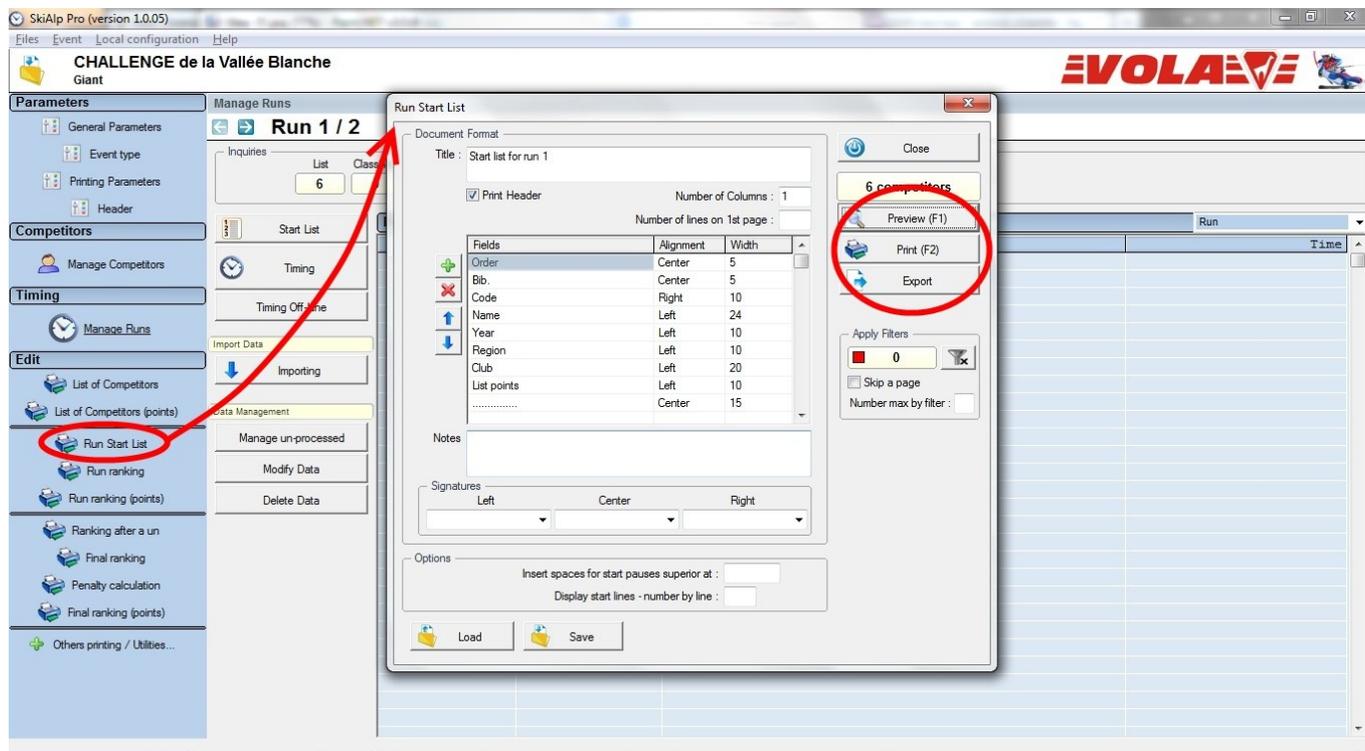


Step 38: Then, you can define filters (for example Women / Men) or also the BIBO for the 2nd run. Conclude by clicking on "Add" and then "Close".



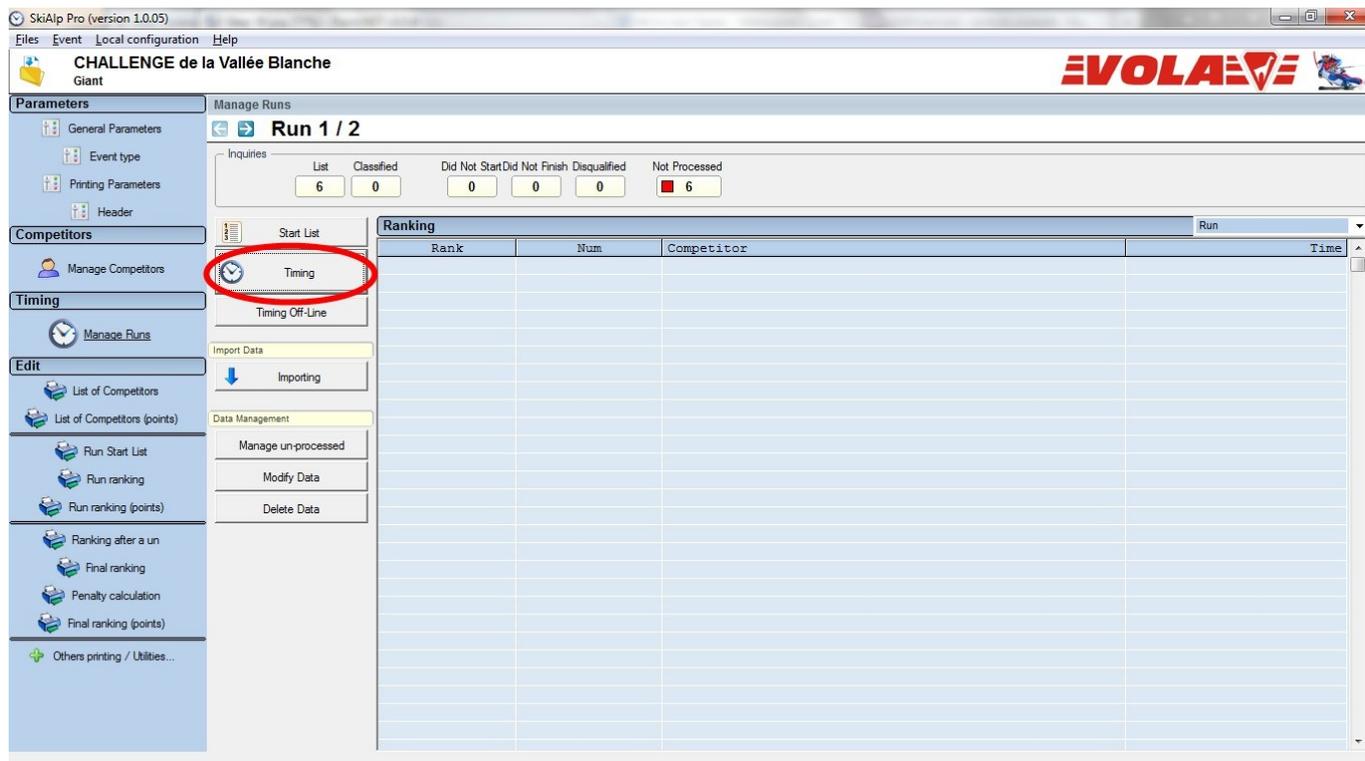
Step 39: Just after having created the start list, it is usually printed to placard it publicly.

Click on "Run Start List". You will have to choose the run. Then, you can configure the start list columns as you want. You can see the result by clicking on "Preview" and then you can also print the list.



Step 40: Print or export your start list according to your needs for presenting your race.

Then close it and open the "Timing" section.



The Timing section

Step 41: Here you have entered the timing section which is described here below:

The screenshot shows the Timing software interface with the following sections and annotations:

- Start:** A list of competitors: VALENTIN Clément (4), RIZZO Bastien (3), MONIN Thierry (2), FERREIRA Jean-Fran (1). Below is a table with columns: Num, Hour, Cell., Time.
- Finish:** A table with columns: Num, Hour, Cell., Time.
- Inquiries:** A summary table with columns: List, Classified, Did Not Start, Did Not Finish, Disqualified, Not Processed. Values: 6, 0, 0, 0, 0, 6. Below are checkboxes for Timing Device (1, 2) and a Synchro... button.
- Records:** A table with columns: Num, Competitor & Time.
- Ranking - Event:** A table with columns: Rank, Num, Competitor, Time.
- Timing device paper:** A table with columns: Seq, Num, Channel, Hour/Time. Value: 1, 1M, 17h33:55.8700.

Annotations (red lines and text):

- A red line points to the 'Num' column in the Records table: - you can see all the records ranked by numbers.
- A red line points to the 'Hour' column in the Start table: - in this column, you can see all the impulses sent by the start detector.
- A red line points to the 'Cell.' column in the Start table: - in this column, you can see all the impulses sent by the finish detector.
- A red line points to the Ranking table: - you can see the event ranking.

Tip: Before the first run of the first event, in order to make sure that the computer and the timer are synchronised, you must get an impulse as you will be in the "Timing" section but without having unlocked the reception for the start line in this timing window.

Step 42: When you are waiting for the competitors, you have first to unlock the impulse buttons by double-clicking on them. (You can unlock the start and finish buttons once for all the race or when you have a break during the race or, if you prefer, after each racer by double-clicking on these buttons.)

The screenshot shows the Timing software interface with the Start and Finish buttons highlighted with green circles. The Start button is a green circle with a white center, and the Finish button is a green square with a white center. The Inquiries section shows a timing device value of 17h35:46.7. The Records and Ranking sections are empty.

The green buttons mean that the start and finish lanes are opened, whereas the red buttons mean that the start and finish lanes are closed (that is to say that they are locked and thus won't record any impulse).

Step 43: The first impulse should come from the start lane and you should have the window as below:

The screenshot shows the timing software interface with the following data:

Start	Finish	Inquiries	Timing device paper																																									
<table border="1"> <tr><th>Num</th><th>Hour</th><th>Cell.</th></tr> <tr><td>1</td><td>17h36:07.4100</td><td></td></tr> <tr><td>2</td><td>17h33:55.8700</td><td></td></tr> </table>	Num	Hour	Cell.	1	17h36:07.4100		2	17h33:55.8700		<table border="1"> <tr><th>Num</th><th>Hour</th><th>Cell.</th><th>Time</th></tr> <tr><td>1</td><td>3.9</td><td></td><td>FERREIRA Jean-Fran</td></tr> </table>	Num	Hour	Cell.	Time	1	3.9		FERREIRA Jean-Fran	<table border="1"> <tr><th>List</th><th>Classified</th><th>Did Not Start</th><th>Did Not Finish</th><th>Disqualified</th><th>Not Processed</th></tr> <tr><td>6</td><td>0</td><td>0</td><td>0</td><td>0</td><td>6</td></tr> </table>	List	Classified	Did Not Start	Did Not Finish	Disqualified	Not Processed	6	0	0	0	0	6	<table border="1"> <tr><th>Seq</th><th>Num</th><th>Channel</th><th>Hour/Time</th></tr> <tr><td>1</td><td>1M</td><td></td><td>17h33:55.8700</td></tr> <tr><td>2</td><td>1M</td><td></td><td>17h36:07.4100</td></tr> </table>	Seq	Num	Channel	Hour/Time	1	1M		17h33:55.8700	2	1M		17h36:07.4100
Num	Hour	Cell.																																										
1	17h36:07.4100																																											
2	17h33:55.8700																																											
Num	Hour	Cell.	Time																																									
1	3.9		FERREIRA Jean-Fran																																									
List	Classified	Did Not Start	Did Not Finish	Disqualified	Not Processed																																							
6	0	0	0	0	6																																							
Seq	Num	Channel	Hour/Time																																									
1	1M		17h33:55.8700																																									
2	1M		17h36:07.4100																																									

The start time of the first racer (Num 1) should appear according to the hour time.

The running time of the racer appears here.

You can check there the paper printing of the timing device.

If you have forgotten to unlock the start lane (red button), the software will pop up a warning like in the image below on the left. Enter the number of the racer (Num 1) in the example and click on "Ok". If the impulse has been done by error on the start lane, click on "Cancel" and you will have the window as the one on the right below.

First racer started and you forgot to unlock the start lane.

The screenshot shows a warning dialog box with the following text:

Start - 16h46:58.0800 - Num :

Ok Cancel

The start lane has recorded a false impulse and you have cancelled it.

The screenshot shows the timing software interface with a yellow warning icon in the Start table, indicating a false impulse.

Step 44: If there's only one competitor currently racing, the second impulse should come from the finish lane.

The software will change to the window below:

The screenshot shows the 'Timing - Run 1/2' window. The 'Start' table lists competitors: MORO Alexandre, VALENTIN Clément, RIZZO Bastien, and MONIN Thierry. The 'Finish' table shows competitor 1 with a time of 47.4500. The 'Inquiries' table shows 6 classified, 1 did not start, 0 did not finish, 0 disqualified, and 5 not processed. The 'Records' table shows competitor 1 (FERREIRA Jean-François) with a time of 47.45. The 'Timing device paper' table shows a chronological record of timing data for competitor 1.

Annotations with red arrows:

- Finish hour and elapsed time of the first competitor are written here.
- Ranking + time
- Chronological record of the competitors timing data.

Step 45: All your competition will progress according to the process seen previously.

Your competition can be managed one competitor by one competitor but when you feel confident, the software allows simultaneous timing of several competitors.

The screenshot shows the 'Timing - Run 1/2' window with multiple competitors. The 'Start' table lists competitors 1 through 6. The 'Finish' table shows competitor 1 with a time of 47.4500. The 'Inquiries' table shows 6 classified, 6 did not start, 0 did not finish, 0 disqualified, and 0 not processed. The 'Records' table shows competitor 1 (FERREIRA Jean-François) with a time of 47.45. The 'Timing device paper' table shows a chronological record of timing data for competitor 1.

Note that the buttons circled below allow you to manage the competitors if they are DNS (Did Not Start) or DNF (Did Not Finish) or DSQ (Disqualified). These buttons can be used directly or you can use the shortcuts on the keyboard like F9 = DNS. (See all the shortcuts in the menu "Options".)

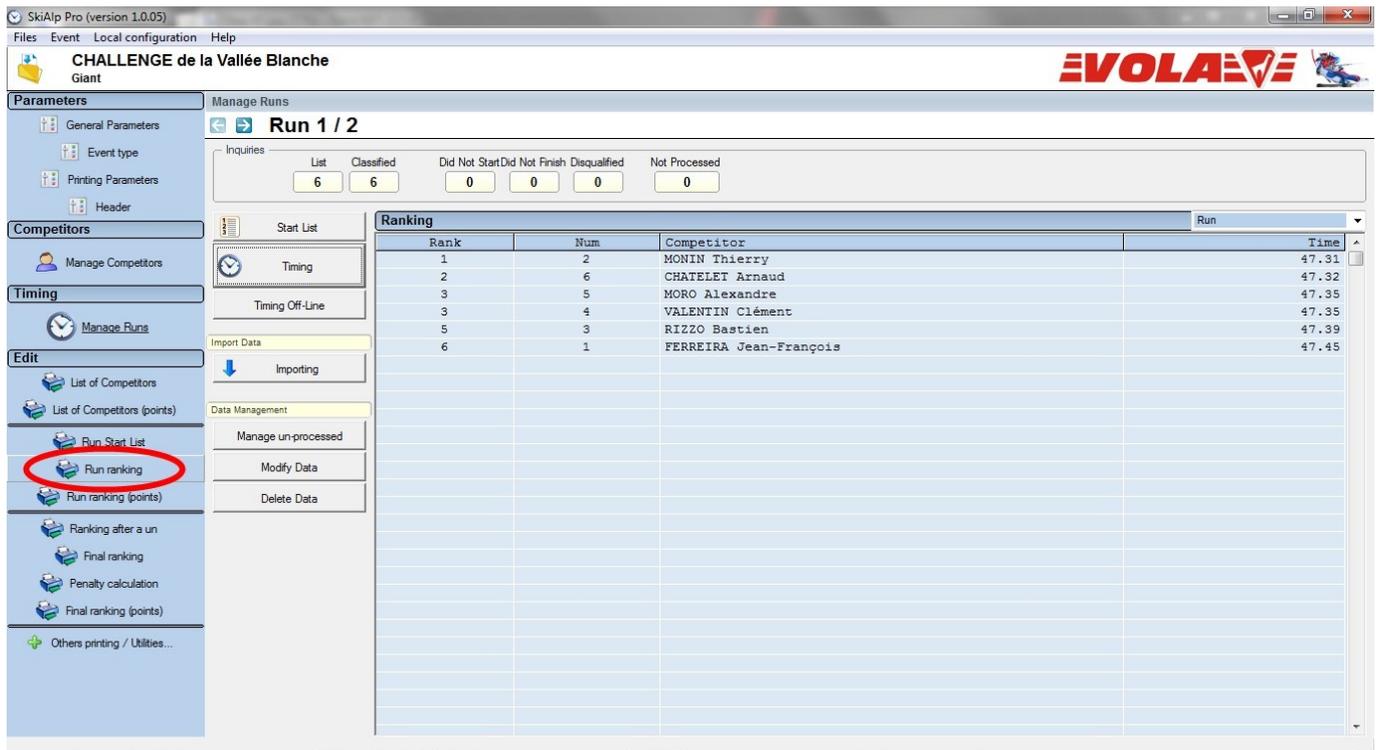
The screenshot shows the Timing software interface with several panels:

- Start:** A table with columns Num, Hour, Cell, and Time. It lists competitors 1 through 6 with their respective start times.
- Finish:** A table with columns Num, Hour, Cell, and Time. It lists competitors 1 through 6 with their respective finish times.
- Inquiries:** A panel with buttons for List, Classified, Did Not Start, Did Not Finish, Disqualified, and Not Processed. It also shows a Timing Device selection and a Display/Live Pro button.
- Records:** A table with columns Num, Competitor & Time, and Time. It lists competitors 1 through 6 with their respective times.
- Ranking - Event:** A table with columns Rank, Num, Competitor, and Time. It lists competitors 1 through 6 with their respective times.
- Timing device paper:** A table with columns Seq, Num, Channel, and Hour/Time. It lists competitors 1 through 25 with their respective times.

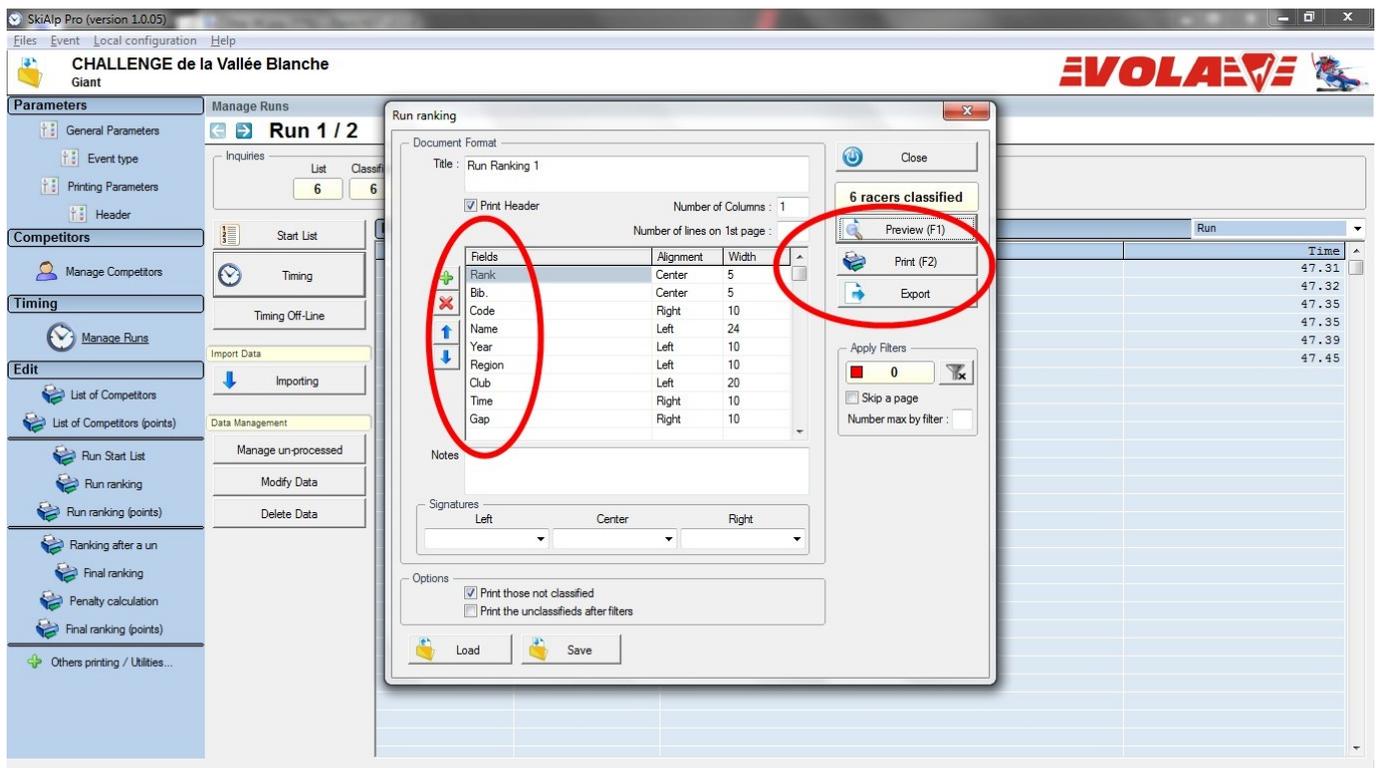
Step 46: As soon as the whole run has been completed, exit from the "Timing" section by clicking on "Files" / "Exit Timing" as below:

The screenshot shows the Timing software interface with the "Exit Timing" button circled in red. The interface is similar to the previous screenshot, but the "Exit Timing" button is highlighted.

Step 47: Here you are back to the "Manage Runs" section. You can see the ranking of the run and create the unofficial run ranking by clicking on the button below.

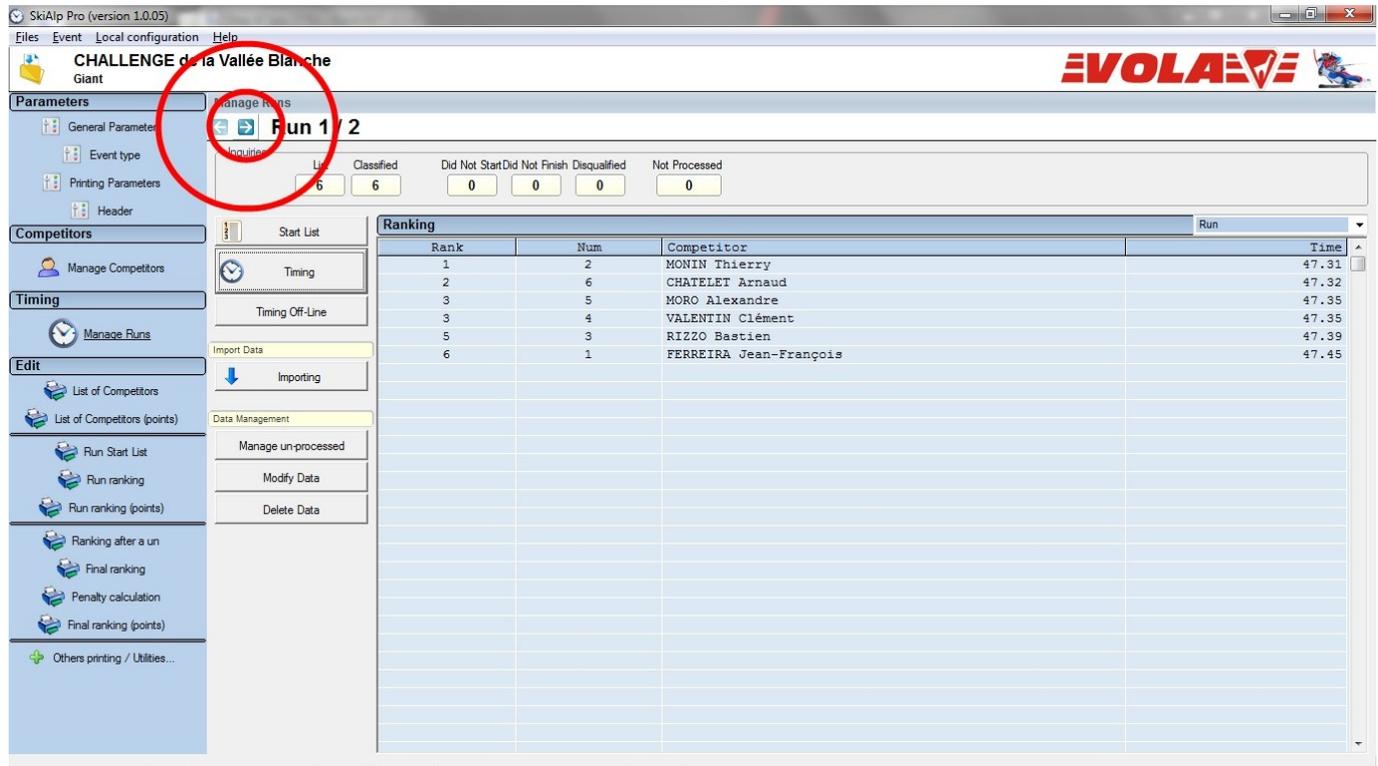


Step 48: The window below will open and you will have the possibility to configure your run ranking. You can define the information you want to display such as "Name", "Year of birth", "Nation", "Club",.... Then, click on "Preview" to view it, and then "Print" or "Export" according to your needs. Note: If your competition has only one run, your timing is finished and you can go directly to step 55 for the edition of the final results.

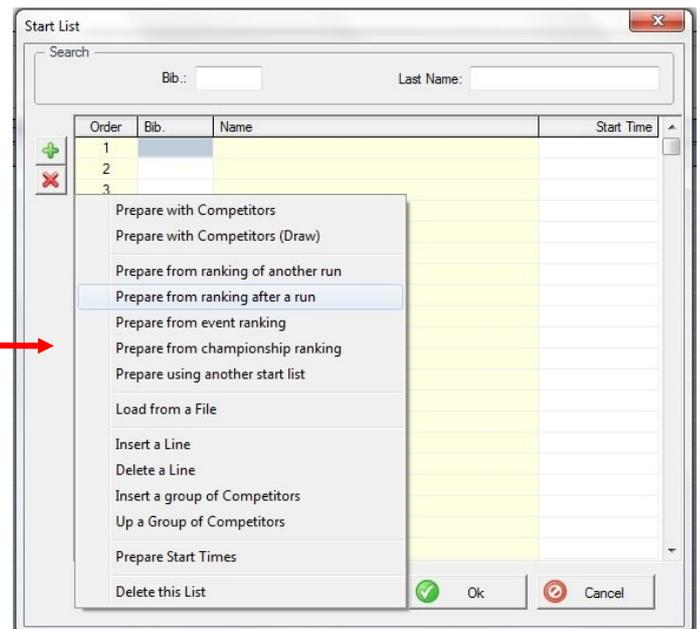
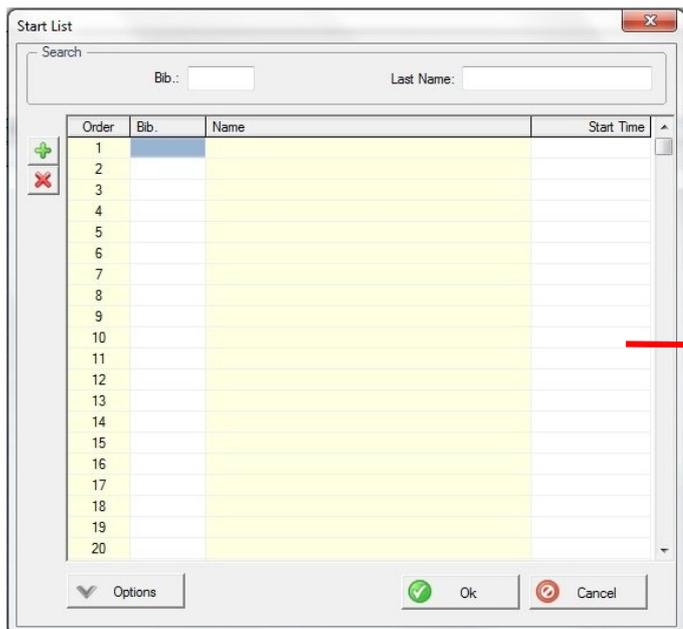


Managing the 2nd run

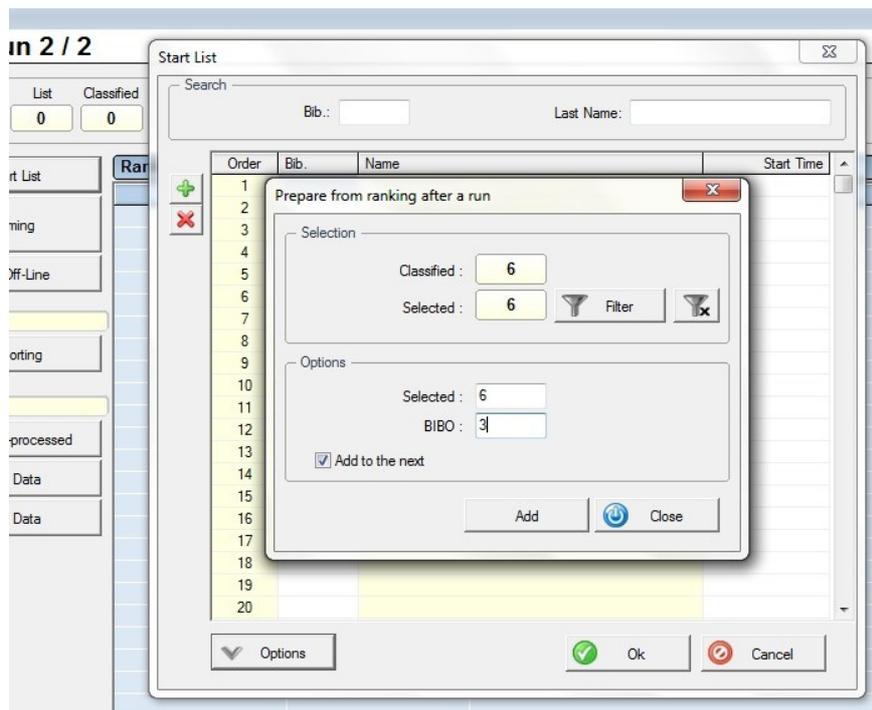
Step 49: It's now time to manage Run 2. Click on the dart circled below. You will automatically enter into the second run management.



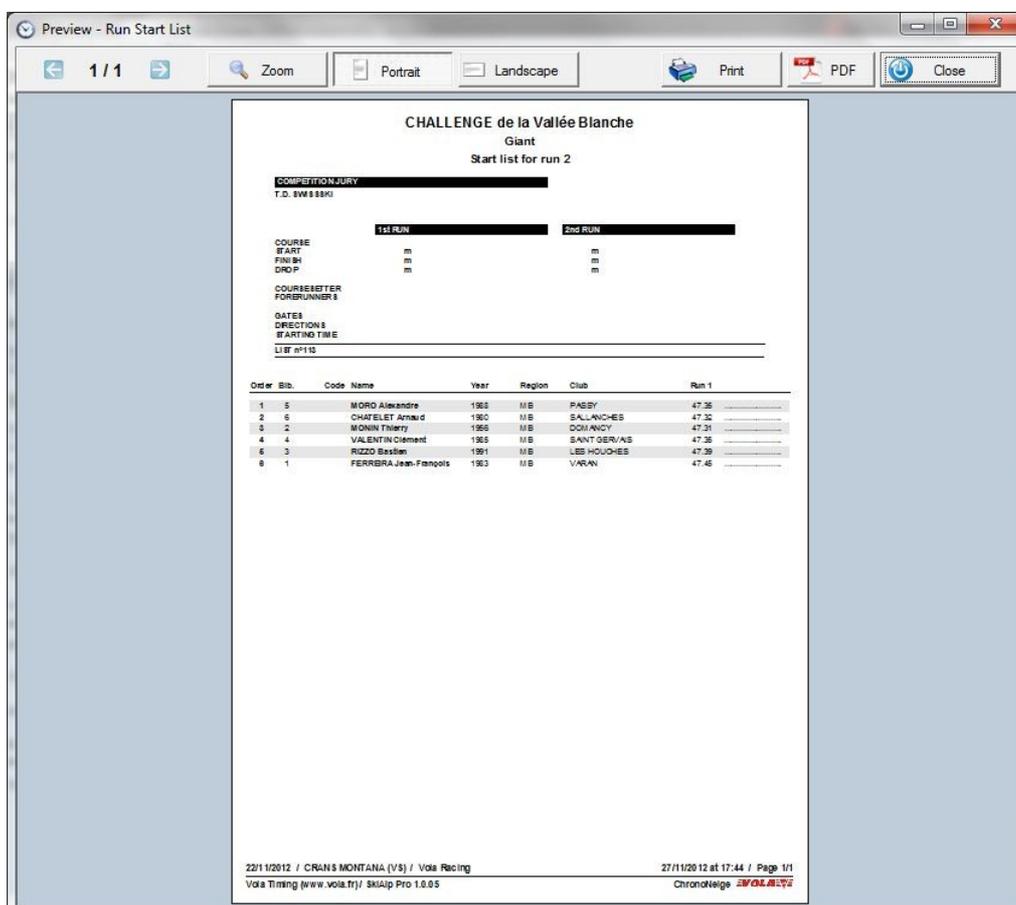
Step 50: First of all, you have to create the start list of the second run. Click on the button "Start List" and the following window will open. Then click on "Options" and choose "Prepare from ranking after a run". As done for the first run, the software gives you many solutions to prepare the start list from rankings, events or even championships.



Step 51: In this example, we will define the second run start list with a BIBO of 3. Click on the button "Add" and then "Close" and validate with "Ok".

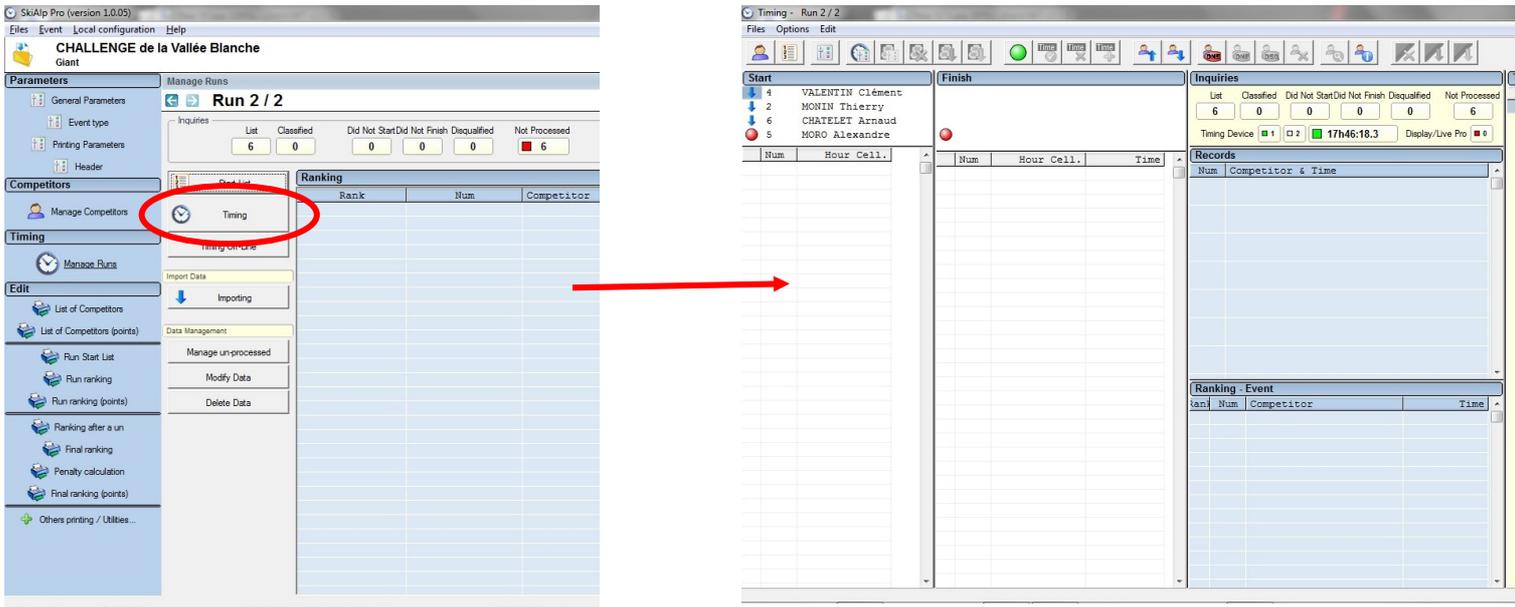


Step 52: When the two windows have been closed, in the left section "Edit" click on "Run Start List" and configure the edition of the start list as you need. You can see in the following example that the fastest competitor of the first run is ranked in third position in the start list, as wanted with a BIBO set to 3.

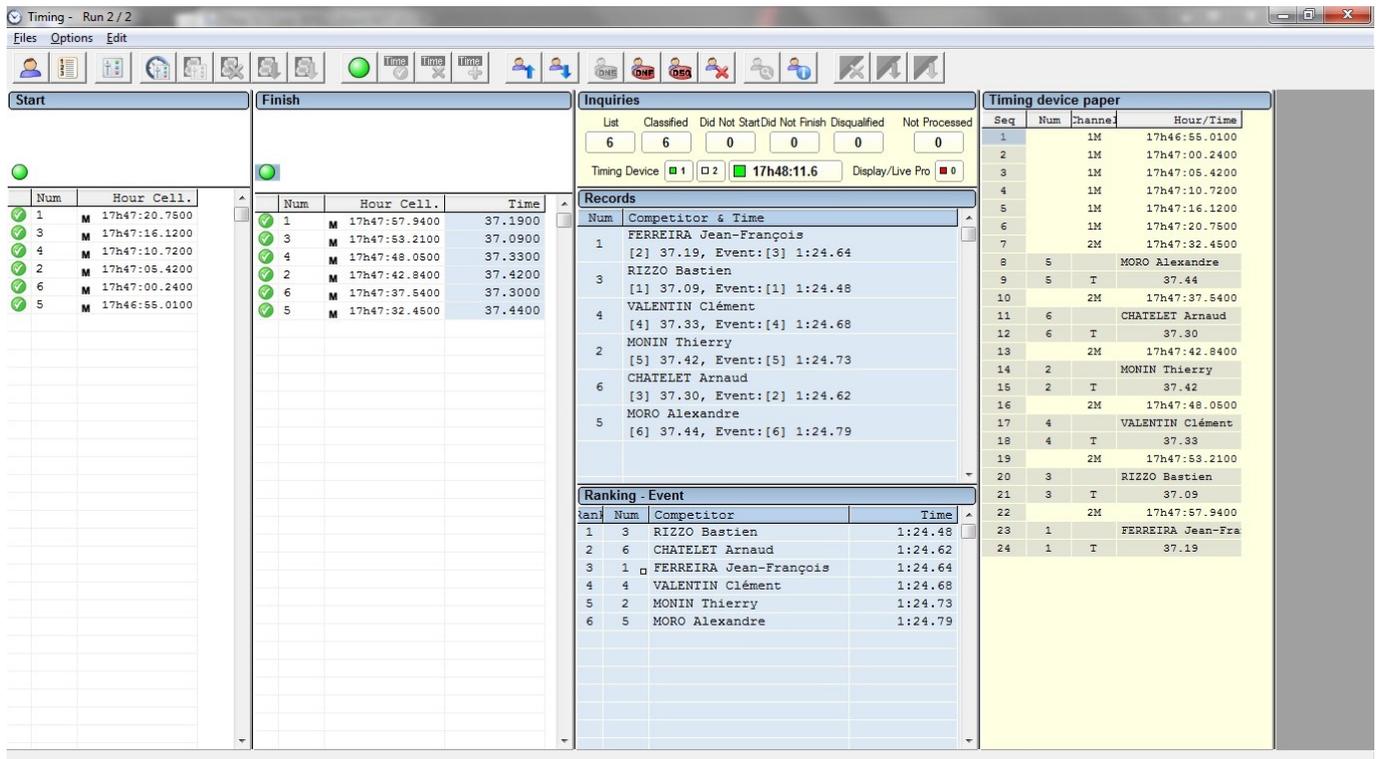


Step 53: Your start list for the second run is now ready. Click on the button "Timing" to enter into the timing section.

This will open a timing window, the same way it did for the first run.



Step 54: Time your race as done into the first run, from the first competitor of the second run to the last one. When the run has been completed, exit from the timing section.



Editing Results

Step 55: Your race is now completed. You can create each run ranking list or the final ranking list (total of runs).

Rank	Num	Competitor	Time
1	3	RIZZO Bastien	37.09
2	1	FERREIRA Jean-François	37.19
3	6	CHATELET Arnaud	37.30
4	4	VALENTIN Clément	37.33
5	2	MONIN Thierry	37.42
6	5	MORO Alexandre	37.44

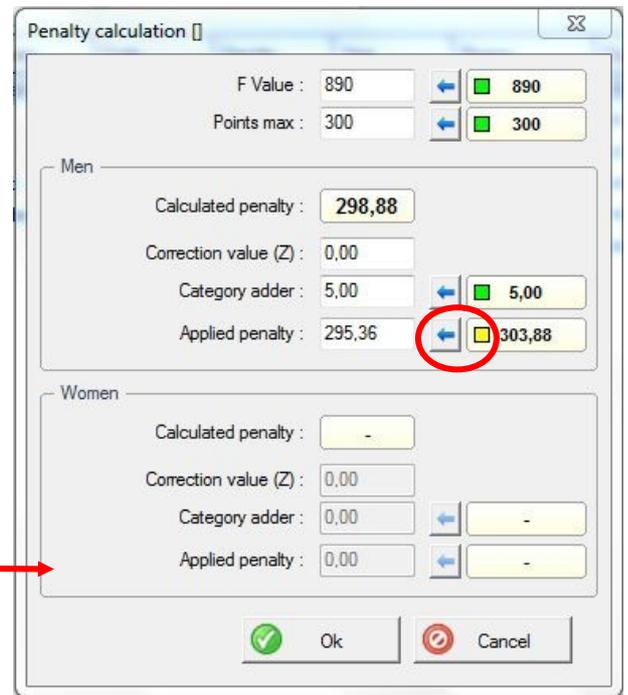
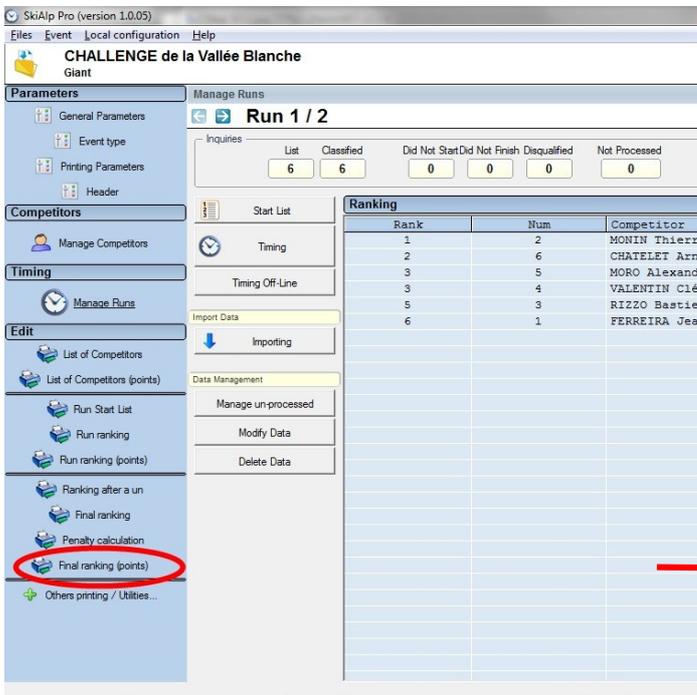
You can see below, on the left, the second run ranking and on the right, the final ranking of the event.

Rank	Stb	Code	Name	Year	Region	Club	Time	Dis
1	3		RIZZO Bastien	1991	11 B	LES HOUCHEES	37.09	0.0
2	1		FERREIRA Jean-François	1982	11 B	VUREAN	37.19	0.10
3	6		CHATELET Arnaud	1980	11 B	SALLANCHES	37.30	0.21
4	4		VALENTIN Clément	1988	11 B	SAINTE SERVANS	37.33	0.24
5	2		MONIN Thierry	1988	11 B	COGNACY	37.42	0.33
6	5		MORO Alexandre	1982	11 B	PASSEY	37.44	0.35

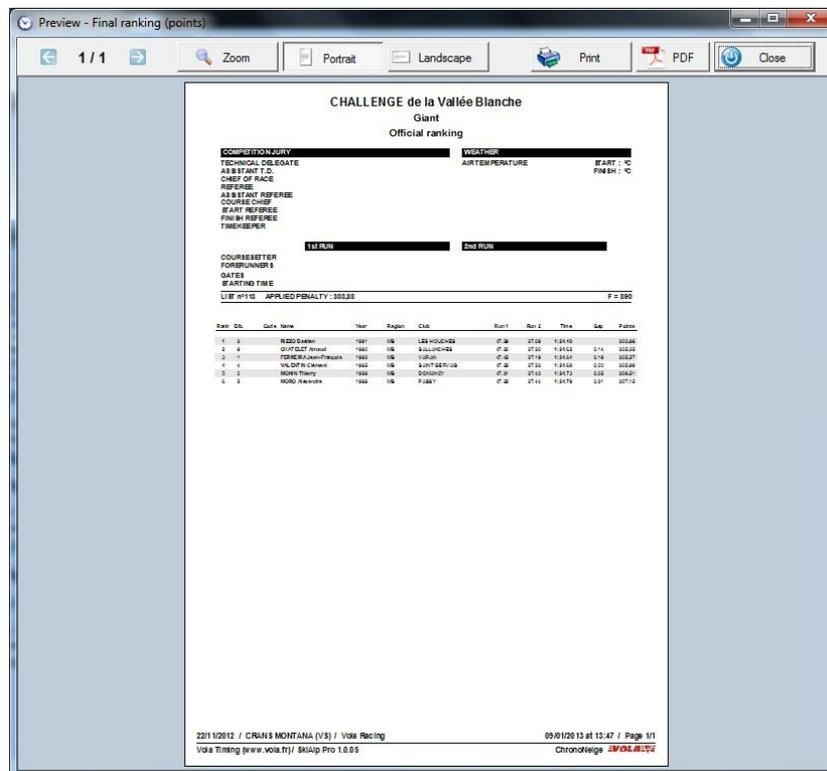
Rank	Stb	Code	Name	Year	Region	Club	Run 1	Run 2	Time	Dis
1	3		RIZZO Bastien	1991	11 B	LES HOUCHEES	47.25	37.25	1:24.50	0.0
2	6		CHATELET Arnaud	1980	11 B	SALLANCHES	47.35	37.35	1:24.65	0.14
3	1		FERREIRA Jean-François	1982	11 B	VUREAN	47.45	37.19	1:24.64	0.18
4	4		VALENTIN Clément	1988	11 B	SAINTE SERVANS	47.35	37.33	1:24.68	0.22
5	2		MONIN Thierry	1988	11 B	COGNACY	47.31	37.42	1:24.73	0.26
6	5		MORO Alexandre	1982	11 B	PASSEY	47.35	37.44	1:24.79	0.31

Step 56: You can now create the official competition results by clicking on the button "Final ranking (points)".

According to the event you are timing, you apply the "Penalty calculation" in order to affect points to the competitors.



The picture below shows the official results which have now been created. You can configure these results in order to show each run times, overall time, gaps, points...



Your timing is now finished, you can export results (for more information, download "Frequent questions for Ski Pro"), print the results and close the software.