

# downforceRC

...home of the pan car...

presents

# Pan Car Masters 2017



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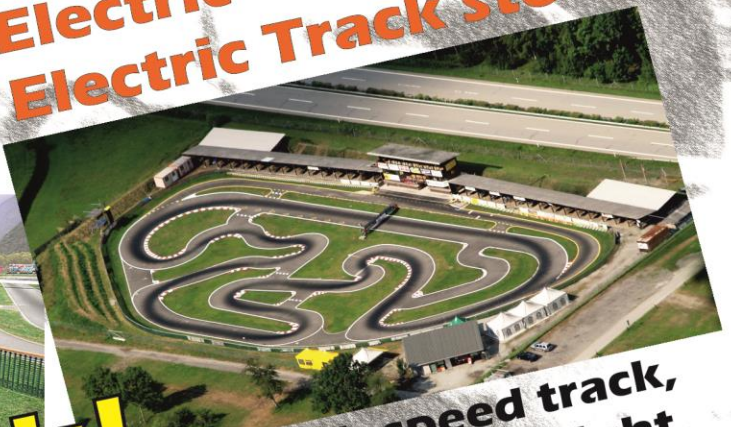
## 1/8th Electric Track GP

## Lostallo GR, Switzerland

## June 2 - 4

- Pro 10 modified
- Pro 10 stock
- Swiss GT open (13.5T 200mm)
- F1 (rubber, 21.5T)

- 1/8th Electric Track modified
- 1/8th Electric Track stock



# Pro 10 is back!

403m high speed track,  
80m straight,  
banked high speed corners!

## The true home of pan car racing!



# **Pan Car Masters**

## **&**

### **1/8 Electric Track GP**

#### **Lostallo, 02. – 04.06.2017**

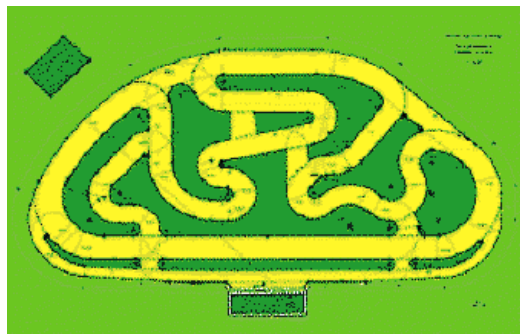
**Where:** Lostallo GR, Switzerland  
www.mrtm.ch

**When:** June 2<sup>nd</sup> to 4<sup>th</sup>, 2017

**Organizer:** Downforce RC & friends      contact Frattaroli Downforce RC  
Andi Frattaroli  
Sonnhalde 25  
8547 Gachnang, Switzerland  
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**Classes:** Pro10 modified  
Pro10 stock (10.5T)  
1/10 Swiss GT open (Pan Car 210mm 13.5T)  
1/10 F1  
1/8 Electric Track modified (6s)  
1/8 Electric Track stock (rigid, 4s)

**Track:** total length: 403m  
straight: 80m  
min. width: 4.65m  
surface: tarmac  
banked high speed corners to and from the straight



**Timing:** RCM/ AMB, personal transponder required

<b>Time table:</b> (indicative)	Friday, June 2 <sup>nd</sup>	Registration	all day
		Free practice	all day
	Saturday, June 3 <sup>rd</sup>	Free practice	08.00 – 10.00
		Driver's briefing	10.15 – 10.45
		Timed practice 1 & 2	11.00 – 14.00
		Qualifications 1 & 2	14.30 – 18.00
	Sunday, June 4 <sup>th</sup>	Qualifications 3 & 4	09.00 – 12.00
		Mains 1, 2 & 3	13.00 – 17.30
		Price giving	18.00

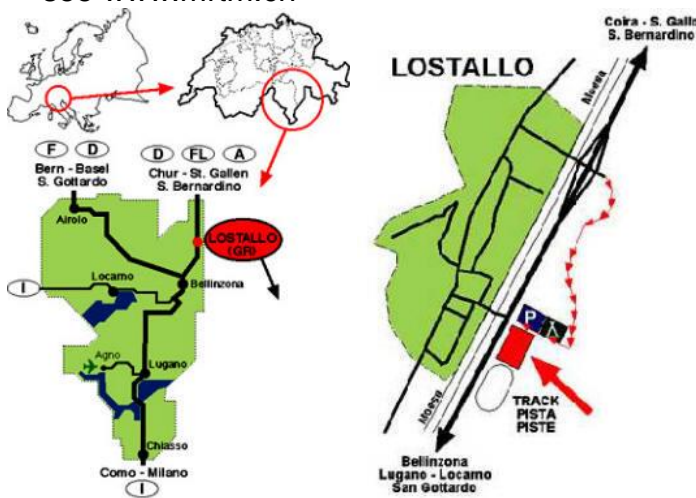
**Registration:** online at [www.myrcm.ch](http://www.myrcm.ch), until **May 28, 2017**

**Fees:** Registration fees: € 25.- / CHF 25.- first entry  
 € 20.- / CHF 20.- every add. Entry  
 To be paid in cash directly at the track at registration

Camping (trackside): € 15.- / CHF 15.- per person & day  
 € 10.- / CHF 10.- per child (6 – 16y)  
 incl. washrooms and electric power  
 to be booked directly at the track, no reservation required  
 for any questions regarding camping pls contact the responsible directly through email: hans (a) mrtm.ch

**Pits:** Power 230V, Swiss and EU plug  
 Covered pit area for 200 drivers incl. tables and chairs

**Hotels & itinerary:** see [www.mrtm.ch](http://www.mrtm.ch)



## RULES

### Pro10/pan car:

#### Chassis

Direct drive, two wheel drive chassis only (differential allowed)

#### Batteries

Commercially available LiPo and LiFe hardcase batteries only according to EFRA specifications for 1s and 2s batteries (incl. HV cells).

Max. charge voltage is 4.22V per cell (LiFe 3.72V per cell). Drivers are in charge of proving the commercial availability of the used batteries.

LiPo bag and balancer must be used during all charging activities.

#### Motors

All motors have to be compliant with EFRA motor specifications. In addition, no (old) Corally Red Series and Grauper/GM Sport motors allowed in spec classes (Pro10 stock and Swiss GT).

#### Tires & additives

Foam tires only. Shore degrees open.

Rear wheels: 1/10<sup>th</sup> pan car rims only

Front wheels: 1/10<sup>th</sup> pan car rims or 1/10<sup>th</sup> ignition car rims allowed.

Additive is open, however, non-smelling products are allowed.

#### Pro10 modified

Running time	5min
Max. width overall	250mm
Max. length overall	560mm
Wheelbase	228 – 280mm
Min. weight	1200gr
Batteries	max. 2s
Bodies	open, max. height 150mm (on 10mm blocks)
Motors	open
ESC	open

#### Pro10 stock

Running time	7min
Max. width overall	240mm
Max. length overall	560mm
Wheelbase	228 – 280mm
Min. weight	1025gr
Batteries	max. 2s
Bodies	open, max. height 150mm (on 10mm blocks)
Motors	10.5T EFRA spec
ESC	open, blinky

#### Swiss GT open (Pan Car 200mm 13.5T)

Running time	8min
Max width overall	210mm
Min. weight	1025gr
Batteries	max. 2s
Bodies	pan car bodies only (no 10 <sup>th</sup> ignition car bodies allowed)
Motors	13.5T EFRA spec
ESC	open, blinky

## Formula 1:

### Chassis

Direct drive, two wheel drive chassis only (differential allowed)

### Batteries

Commercially available LiPo and LiFe hardcase batteries only according to EFRA specifications for 1s and 2s batteries (incl. HV cells).

Max. charge voltage is 4.22V per cell (LiFe 3.72V per cell). Drivers are in charge of proving the commercial availability of the used batteries.

LiPo bag and balancer must be used during all charging activities.

### Motor & motor handling

Motor will be handed out for the race. Rental fee is included in the registration fee. Handout motors correspond to Hobbywing Justock 3650SD G2

(#30408007). Motors come with 3.5mm plugs (males on the motor), it's not allowed to remove them, no direct soldering of the wires to the motor or the male plugs. Female plugs must be used on the motor wires!

Motors will be allocated to the drivers randomly by lucky draw. They have to be returned after each race day within 30min after the last heat to the technical inspection and will be handed out the next morning again randomly.

When burning or damaging a motor a replacement fee of €50 applies.

### Ratio

Fixed gear ratio of max 2.0:1 applies for the whole race. Shorter ratios can be used (e.g. 2.5:1) but no longer ratios are allowed.

### Tires & tire handling

Drivers have to deposit the maximum of two sets (mint and originally packed) with technical inspection at registration. Drivers are responsible to provide the tires. Tires will be individually marked and randomly assigned to the drivers on Saturday. All sets have to be returned Saturday evening to the technical inspection within 30min of the last heat.

Damaged tires can be replaced by a similarly worn one. Replacement can only be made for single tires, not for complete pairs or sets. Tires to be replaced have to be presented to the technical inspection along with the intended replacement, where they will be checked, marked and registered for the driver. Replaced tires remain at technical inspection until the end of the race.

A limited number of tires will be available for purchase at the track.

Reservations are welcome. Drivers are responsible for the supply of their own tires!

Running time	10min
Max width overall	190mm
Min. weight	1050gr
Batteries	max. 2s
Bodies	Formula One with race inspired liveries. Driver figure/helmet mandatory
Wings	open
Motors	21.5T handout (HW Justock 3650SD G2 #30408007)
ESC	open, blinky
Tires	Ride GR (max. of 2 sets allowed)

**1/8<sup>th</sup> Electric Track:**

**Batteries**

Commercially available LiPo and LiFe batteries only (incl. HV cells).  
Max. charge voltage is 4.22V per cell (LiFe 3.72V per cell). Drivers are in charge of proving the commercial availability of the used batteries.  
LiPo bag and balancer must be used during all charging activities.

**Modified**

Running time	5min
Chassis	4WD 1/8 <sup>th</sup> ignition car style chassis
Min. weight	2500gr
Batteries	max. 6s
Bodies	open
Motors	open
ESC	open
Tires	open

**Stock**

Running time	5min
Chassis	rigid or semi-rigid 2WD & 4WD chassis
Min. weight	2200gr
Batteries	max. 4s
Bodies	open
Motors	max 1950kV
ESC	open
Tires	open