

PAN CAR MASTERS 2024

17.-19.05.2024, Lostallo, Switzerland



Festival of
SPEED

**«in foam
we trust!!»**



Pan Car Masters

&

1/8 Electric Track National Championship

Lostallo, 17.-19.05.2024

Where: Lostallo GR, Switzerland
www.mrtm.ch

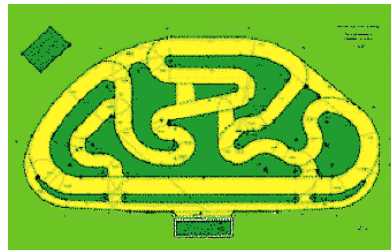
When: May 17th to 19th, 2023

Organizer: Downforce RC
VIP Performance & friends

contact Frattaroli Downforce RC
Andi Frattaroli
Sonnhalde 25
8547 Gachnang, Switzerland
info (a) downforcerc.ch

Classes: Pro10 modified
Pro10 stock (10.5T)
Pro10 13.5T (200mm & 235mm cars allowed)
1/10 F1 21.5T (Foam)
1/10 F1 17.5T (200mm Foam)
1/10 F1 Fenix '70
1/8 Electric Track modified (4s)

Track: banked high speed corners to and from the straight
total length: 403m
straight: 80m
min. width: 4.65m
surface: tarmac
driving direction: counter-clockwise
layout: full course for 1/8, Pro10 and F1 21.5T.
for F1 '70: tbd at the track



Timing: RCM, AMB/mylaps personal transponder required

Time table: Friday, May 17th
(indicative) Registration from 11 a.m.
Free practice all day

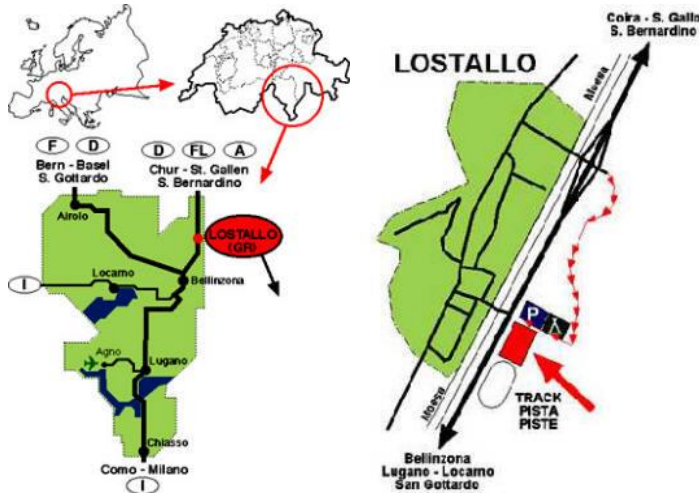
Saturday, May 18th
Free practice 08.00 – 10.00
Driver's briefing 10.15 – 10.45
Timed practice 1 & 2 11.00 – 14.00
Qualifications 1 & 2 14.30 – 18.00

Sunday, May 19th
Qualifications 3 & 4 09.00 – 12.00
Mains 1, 2 & 3 13.00 – 17.30
Price giving 18.00

Registration: online on www.myrcm.ch, until Tuesday **May 14th, 2024**

- Fees:** Registration fees: € 40.- / CHF 40.- first entry
€ 20.- / CHF 20.- every add. entry
To be paid in cash or credit card directly at the track at registration. 50% discount on the entry fees for juniors <16y
- Camping** 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



RULES

Pro10/pan car:

Chassis

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

Batteries

Commercially available LiPo, LiHV and LiFe hardcase batteries only according to EFRA specifications for 1s and 2s batteries.

Max. charge voltage is 4.20V 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 Pro10 13.5T).

Class	Pro10 modified	Pro10 stock	Pro10 13.5T
Running time	5min	7min	8min
Max. width overall	250mm	240mm	front 227mm, 235mm rear 200mm cars allowed
Max. length overall			
Wheelbase	228-280mm	228-280mm	228-280mm
Min. weight	1200g	1025g	
Batteries	max 2s		
Bodies	open		pan car bodies only (no 10 th scale ignition car bodies allowed)
Motors	open	10.5T EFRA Spec	13.5T EFRA Spec
ESC	open	Open, blinky	Open, blinky
Tires	Under dry conditions: Foam tires only, shore degrees open. Rear wheels: 1/10th pan car rims only Front wheels: 1/10th pan car rims or 1/10th ignition car rims allowed Under wet conditions: all types of tires/rims allowed.		
Additives	open, odorless only		

Formula 1:

Batteries

Commercially available LiPo, LiHV and LiFe hardcase batteries only according to EFRA specifications for 1s and 2s batteries.

Max. charge voltage is 4.20V 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 and discharging activities.

Class	Formula 1 21.5T	Formual 1 17.5T	F1 Fenix '70
Running time	10min	8min	Qual 7min, Mains 10min
Chassis	Direct drive, two wheel drive chassis only (differential allowed), sliding king pin front end	Direct drive, two wheel drive chassis only (differential allowed), sliding king pin front end	Fenix Racing '70, Tamiya F101, F102 or F103. Other chassis may be allowed after prior approval
Max. width overall	190mm	200mm	n.a.
Min. weight	1025g	1025g	950 gr
Batteries	max. 2s, in hardcase only		
Bodies	Formula One or Indy Car with race inspired liveries		F1, F2, F3 or Indy cars from the decade 1970 to 1979, with race inspired liveries. Driver figure/helmet mandatory
Wings	open		according to the original car
Motors	21.5T EFRA Spec	17.5T EFRA Spec	Fenix Hot-Stock 21.5 (FM00215-HS) HW Justock 3650 SD G2 (HW-30408007) HW Justock 3650 SD G2.1 (HW-30408012) HW Justock 3650 (HW-30408003) HW Justock Xerun 21.5T Blue (HW-90040150)
ESC	open, blinky		
Ratio	open (recommended max. 2.0 : 1)	open	3.0 : 1
Tires	max. 2 sets of *Enneti F104AR30 rear and F104AF45-T3 front or *HRT F1H28 rear or F1F40 front (black or white rim) !!no trueing/rounding allowed!!	Open (pan car tyres allowed)	Fenix F1-70-8 F1 70 Tyres (foam Tyres)
Additives	open (odourless only)		not allowed

*) both types of F1 tyres, Enneti and HRT are very similar and we don't expect any important performance differences. However, if we realize that there are any differences, we will do two different final rankings, one for those who use Enneti, and the other for the ones using HRT.

IMPORTANT: We kindly want to emphasize that each driver has to provide his own tyres to scrutineering for marking of the two sets. There will be (if any at all) only very limited quantity of tyres available at the event.

1/8th Electric Track:

Batteries

Commercially available LiPo, LiHV and LiFe batteries only.
 Max. charge voltage is 4.20V per cell for LiPo and 4.35V per cell for LiHV.
 Hardcase batteries mandatory for externally mounted batteries. Centrally mounted batteries can be soft case as long as they are protected against impacts from all sides.
 LiPo bag and balancer must be used during all charging and discharging activities.

Class	1/8 th Modified
Running time	5min
Chassis	4WD 1/8th ignition car style chassis
Min. weight	2500g
Batteries	max. 4s
Bodies	open
Motors	open
ESC	open
Ratio	open
Tires	open, foam tires mandatory under dry conditions, shore degrees open. Under wet conditions all types of tires allowed
Additives	open, odorless only