



1. Welcome to the 2012 IFMAR World Championships.

Dear RC friends,

The Model Auto Club Heemstede is proud to present to you: The 2012 IFMAR World Championships for 1:10 and 1:12 scale electric on-road.

The MACH organized its first World Championship back in 1989. Lamberto Collari won here his first of an amazing 9 World Championship titles in 1:8 scale nitro on-road.

From 21st till 28th of July 2012 the elite in electric on-road racing will gather in the Netherlands to crown 2 new IFMAR World Champions, in 1:10 sedan and in 1:12 sports cars. Will Marc Rheinhard add a 4th IFMAR title to his laurels? Can Naoto Matsukura go for a 3rd consecutive title in 1:12? We don't know yet. But we do know that we will have the perfect stage set for these 2 World Championship events.

The MACH will prepare a world class stage for 1:12 scale at a top class venue in the city of Haarlem. The Kennemer Sports Centre will be the host for this event. A true r/c racing stadium will be built with grand stand accommodation for 500 spectators, enclosing the 20x30m carpet track area. The track design is tailored for 1:12 and is second to none. Designed to separate the men from the boys.

The rostrum complex features a 12m drivers rostrum, race control and technical inspection. The 10x50m drivers paddock will offer enough pit table space to accommodate up to 120 racers. Separate rooms are available for IFMAR and Team Manager Meetings, and to accommodate the press. High speed Wi-Fi internet is available for the print, web and internet TV media and will connect this event with the world.





And when we have celebrated the 1:12 World Champion the whole organization will move to the permanent track in Heemstede. IFMAR demanded to slow down top speed of the 1:10 scale as at this track the 120 km/h barrier would surely be broken. Hara already did 118 km/h at the ETS in 2009, just imagine the insane speeds these cars will reach in 2012. A special chicane has been added some 20m down the back straight which will slow the cars down as requested, but more importantly, will transform the MACH track in a very demanding 1:10 Worlds track.

Having organized the 2001 Euros and several ETS races the accommodation at the MACH is well known to many top racers,. A spacious rostrum with separate referee's area on the top deck, and race control and technical inspection at the ground floor. The huge scoreboard shows the positions of all 10 cars, and monitors around the pit area will let you follow all the racing on lap time detail.

We at MACH think we have set the stage for one of the best and biggest IFMAR Worlds in this class ever. This is the main event in 2012 and you don't want to miss it. BE THERE

On behalf of the organizing committee,

Sander De Graaf
Chairman of the organizing committee.

2. Basic information

General facts of the event

- Name: IFMAR 2012 WORLD CHAMPIONSHIP Electric Track (1:12 & 1:10)
- Date: 21. – 28. 7. 2012
- National Body: Dutch Model Car Association, NOMAC
- Host: MACH Heemstede
- 1/10th scale track: MACH Heemstede outdoor track
- 1/12th scale track: Kennemer Sportcentre Haarlem
- Website: <http://www.ifmar2012worlds.com/> (will be available in November)

Host club

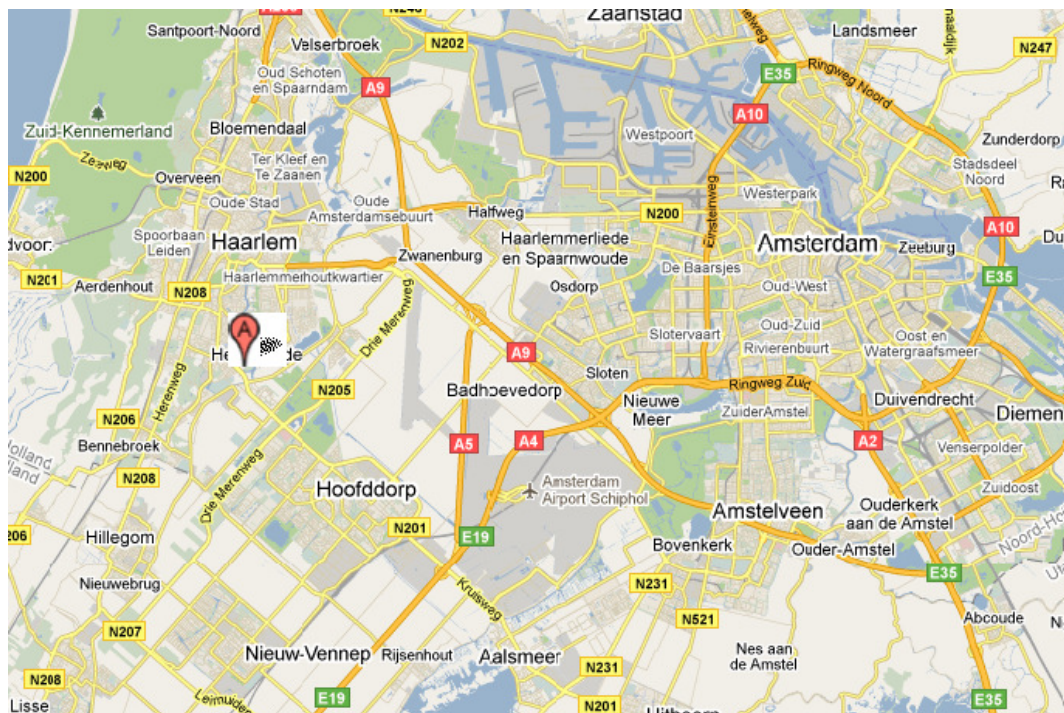
- Name: Model Car Club Heemstede
- Founded: 1975
- Members: approx. 200
- Website: www.machheemstede.nl (can be translated in English)
- Hosted multiple European Championships, Grand Prix and the 1989 1/8 Worlds.

Location

Heemstede is located in the west part of the Netherland, approx. 25 km's from Amsterdam and 20 km's from Schiphol International Airport.

Access to Heemstede by motorway A4, exit Hoofddorp or A9 exit Haarlem.





Contact details

- Postal address: Model Auto Club Heemstede, Cruquiusweg 43, 2102 LS Heemstede Netherlands
- Outdoor venue: Cruquiusweg 45, 2102 LS Heemstede, Netherlands, T +31 23 529 10 12
- Indoor venue: IJsbaanlaan 4a, 2024 AV Haarlem, Netherlands, T +31 23 512 17 05
- E-mail: info@ifmar2012worlds.com
- Internet: : <http://www.ifmar2012worlds.com>

Organizing Committee:

Name	Function	E-mail
Sander de Graaf	Chairman	info@ifmar2012worlds.com
Niels de Zwijger	Project manager	info@ifmar2012worlds.com
Ruben d'Arco	Media	media@ifmar2012worlds.com
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Hugo Keller	Timing / Secretary	secretary@ifmar2012worlds.com
Pieter Bervoets	General affairs/Sponsors	VRC@ifmar2012worlds.com
Frans Heinsbroek	Nomac representative	voorzitter@nomac.nl

Race organization:

Name	Function
Nomination by IFMAR	IFMAR Referee
Nomination by EFRA	EFRA Referee
Nomination by NOMAC	National Referee
In consultation with IFMAR	Race Director
	Assistant race director
Paul Worsley	Chief technical inspector
Hugo Keller	Chief timekeeper
Hans Verbrugge	Facility Manager





3. Rules

Race will follow 2012 IFMAR Rules

3.1 Controlled Tires

- 10th scale saloon cars: ##### still waiting on Postal vote outcome
- 12th scale pan cars: #####

Tire additive: ##### still waiting on Postal vote outcome

Carpet: CRC-carpet or primafelt (BRCA green carpet)

3.2 Approved frequencies

27 MHz band:

26.825/26.845/26.865/26.885/26.905/26.925/26.935/26.945/26.995/27.045/27.095/27.145/27.195/27.255MHz

40MHz band: 40.610MHz---41.200MHz

2.4GHzband2.4000–2.4835GHz

3.3 Timing

Time keeping is done by an AMBrC 3/4 system. RCM is used as time keeping software. Around the track and in the paddock screens will be available with live timing and heat info. A large scoreboard for 10 cars is available for public and competitors. RCM provides live timing on the internet on their servers, see WWW.MYRCM.CH





4. Provisional Time Schedule

This race schedule presents the suggested dates for the event.

1/12th Scale

Sa. 21 July

Su. 22 July

Mo. 23 July

Tue. 24 July

registration.

practice.

qualifying.

finals + prize-giving/buffet.

1/10th scale

We. 25 July

Thu. 26 July

Fri. 27 July

Sa. 28 July

change to outdoor facility / registration.

practice.

qualifying.

finals + prize-giving/buffet.

4.1 Provisional Race schedule

The event is to be run from the 21st of July until the 28th of July. 1/12th scale from the 21st July until the 24th July. 1/10th scale from the 25th until the 28th of July. No spare day projected.

INDOOR:

4.1.1 Day 1 (21.7.2012)

- Class Registration
- Opening Ceremony

4.1.2 Day 2 (22.7.2012)

- Controlled practice
- One (1) round of qualifying

4.1.3 Day 3 (23.7.2012)

- Five (5) rounds of qualifying

4.1.4 Day 4 (24.7.2012)

- Unofficial practice in heat order and Finals
- Price giving ceremony / buffet





OUTDOOR:

4.1.5 Day 5 (25.7.2012)

- Class Registration
- Opening Ceremony

4.1.6 Day 6 (26.7.2012)

- Controlled practice
- One (1) round of qualifying

4.1.7 Day 7 (27.7.2012)

- Five (5) rounds of qualifying

4.1.8 Day 8 (28.7.2012)

- Unofficial practice in heat order and Finals
- Price giving ceremony / Banquet in the evening





5. Track and accommodation

5.1 Outdoor track

The permanent outdoor track is very suitable for IC track and electric racing. It is 285 meters long and 4.20 wide between the lines. It is a challenging track with fast and slow corners. A new chicane will be build into the track on the straight.

The track is approx. 280 meters long, 4 to 4.5 meters width, has a covered paddock for approx. 120 drivers and is equipped with 220 volts. There is room to extend to 150 drivers.

Compressed air is available, and so is 12 volt under the driver's rostrum.

A driver's rostrum of 11 meters width, computerized lap counting and timing, a large scoreboard, and monitors to watch the results makes this track one of the finest in Europe.





5.1.1 Other areas

The outdoor track has full range of service for the drivers, teams and spectators.

- Sufficient parking space near the track
- Restrooms and shower near the clubhouse
- Clubhouse with restaurant and variety of hot and cold drinks

5.1.2 Race control

Race control is located in the rostrum building. The rostrum itself can handle up to 15 drivers and 2 referees. The tower can be used for an additional referee. Timekeeping is situated below. Tech-control is situated next to the rostrum.

5.1.3 Pit Area

- Permanent covered pit area with 230 V supply
- Compressed air
- Monitors to supply the drivers and mechanics with race results and driver info
- Room for 120 drivers which can be extended to 150

5.2 Indoor Track

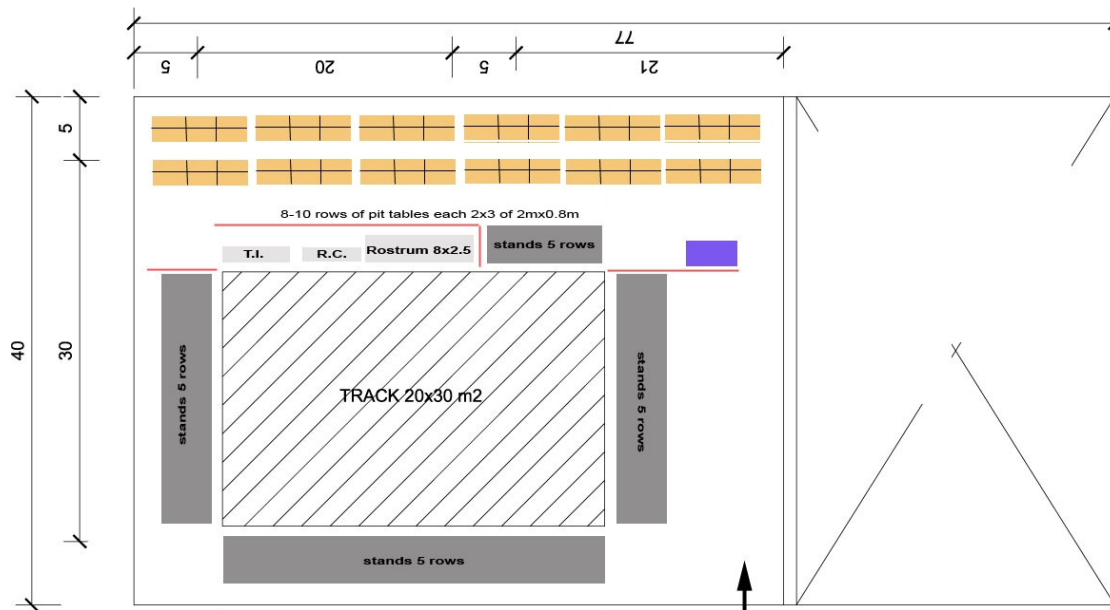
Since a few years we also run an indoor facility to accommodate the needs of our Electric drivers that look for entertainment in the winter period. The last indoor facility in an old Car Show Room has hosted the 1;12th indoor Spec European Championship in February 2009.

For the 2012 WC MACH has a sports center available with an area of 40x77 square meters. The 'Kennemer Sport center' which is located in the city of Haarlem, has plenty of parking spaces and is only a 15 minutes drive away of the outdoor track in Heemstede.

Internet is available in both facilities to host online streaming.

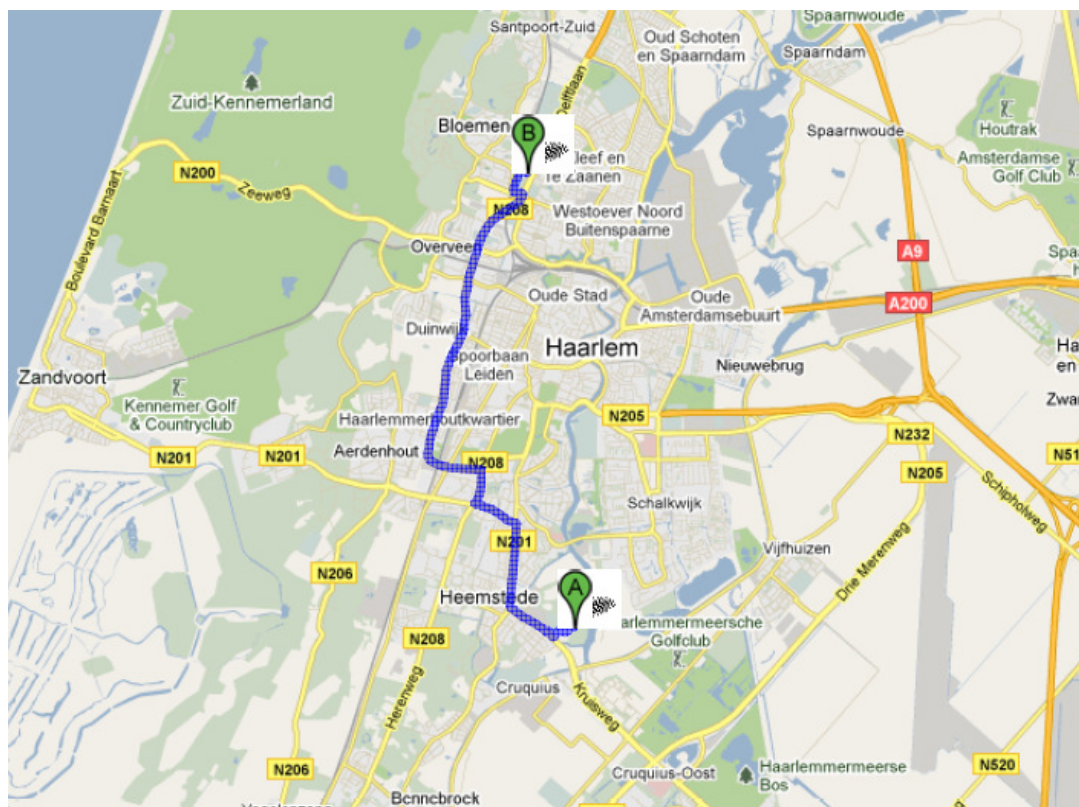
Track lay-out is not yet defined. The picture shows a possible lay-out and gives a presentation of the available space in the venue.





Both tracks can be found on the next link in Google Maps:

http://maps.google.nl/maps?f=d&source=s_d&saddr=Cruquiusweg+45,+Heemstede&daddr=ijsbaanweg,+haarlem&hl=nl&geocode=FX6zHgMdFcJGACkPmKbquujFRzE9w3ow3JI1Dw%3BFfiQHwMd6ptGACkLOWc8p-FRzHoCiF7f4jMg&mra=ls&sll=52.386287,4.661636&sspn=0.094294,0.212173&ie=UTF8&ll=52.371826,4.622154&spn=0.094325,0.212173&z=12





6. Manufacturers

6.1 Manufacturers space.

On the indoor track we are planning to make one manufacturers area to display products for the public.

On the outdoor track there is a possibility to rent a porto-cabin with internet connection.

Prices are not yet set. Price will include 230 V supply and a table with 4 chairs.

6.1 Live feed

We are trying to provide full scale live coverage from the worlds. No further details are available at this time.

7. Media

We will use accreditation for all media including RC related media and websites, to make sure that every media representative has the required permissions to access the event and use the available communications.

8. Side events

8.1 Evening banquets

Both events will host a evening banquet for all attendants. First banquet is to take place on the 24th of July and is open to all 1/12th scale attendants. Separate tickets will be available for family and mechanic's.

Second banquet is to take place on the 28th of July and is open to all 1/10th scale attendants. Separate tickets will be available for family and mechanic's.

9. Hotel information

Within a range of 10 km from the track there are at least 10 major hotels with prices varying from average till *****.

Motel Haarlem Zuid, *** Toekanweg 2, Haarlem

Carlton Square, **** *Baan 7, Haarlem.

Holiday Inn Crowne Plaza, ****Planeetbaan 2, Hoofddorp.

Bastion, *** Vlietweg 20, Haarlem

Golden Tulip Barbizon, **** Kruisweg 495, Hoofddorp

Bastion, *** Vuursteen 1, Hoofddorp

Bastion, *** Adrianahoeve 8, Hoofddorp

For more hotel information see also:

www.hotels.nl/haarlem/

9.1 Camping

Near the outdoor track there is enough room for camping and parking. We will set up a temporarily Toilet and Shower facility. There are also official camping's available within 10 km's of the track. A daily fee will be applicable for all people on the camping area near the outdoor track.



10. Recreation and sightseeing near Heemstede

Swimming pool

For those staying on the camping, about 1 km from the track there is a swimming pool. Just cross the main road at the traffic light and after about 700 meters on the left side you will find an indoor swimming pool called Groenendaal at the Sportparklaan 16.

Zandvoort beach.

The Nord Sea beach is only about 10 km's away. Simply follow the signs Zandvoort and you will be on the beach within 20 minutes. Please be aware that all parking in Zandvoort near the beach is paid parking so do not forget to buy a ticket.

Amsterdam attractions throughout the city

Visitors arriving at Central Station usually drop their jaws at the sight of the multi-story '[bicycle flat](#)', a parking structure used by thousands daily and the subject of many a photograph. From there, head south toward the always lively [Dam Square](#), flanked by the [Royal Palace](#) and the [Nieuwe Kerk](#) (New Church) to the west and the **National Monument**, commemorating the victims of World War II, to the east.



Follow the bustling shopper's-haven Kalverstraat to the Spui, home to **weekly book and art markets**. Find the alley that leads to the [Begijnhof](#), a peaceful **hidden courtyard** edged with charming homes of single women who pledge their time for religious service. There's also a tiny chapel worth visiting.

Attractions for young and old

Plenty of Amsterdam attractions cater to families with kids young and old. The **wax figures** of celebrities and heroes at [Madame Tussauds](#) will make you wonder, "How did they do that?" Or enjoy a terrifically creepy time in the [Amsterdam Dungeon](#). Hands-on [science center NEMO](#) combines education, entertainment and **spectacular views of the city from its rooftop** (with an [urban beach](#) in summer). A life-size replica of [Dutch East India Company ship 'The Amsterdam'](#) is docked just outside. Amsterdam's zoo, [Artis](#), is a year-round favourite for **animal-lovers**.

Welcome to Haarlem



Located about 20km from the capital city of Amsterdam, Haarlem is one of Holland's most attractive cities.

Known as the City of Flowers, it is a place of historical architecture, culture and outstanding modern facilities. Although situated at the heart of Holland's industrial region, Haarlem is also close to the coastal dunes and many areas of natural beauty, including the world-famous Dutch bulb fields.

Haarlem has a long and interesting history which befits a city which has already celebrated its 750th anniversary.

Haarlem has been the setting for many colourful and dramatic historical events not least of which the Spanish occupation in 1572. More recently, the German occupation formed the backdrop for some of the most gripping and heroic stories of Holland in WW2.



The Golden Age

Like other major Dutch towns, Haarlem saw conflict with the Spanish who had annexed the Low Countries, culminating in a seven-month siege of the town which started in late 1572. Ultimately, Haarlem surrendered but it was a punishing siege for the Spanish too, and they only stayed long enough to see the town sign a treaty agreeing to uphold certain religious (Catholic) principles, after which they left. Ironically, not long afterwards the town was granted all possessions of the Catholic church in Haarlem as compensation following one of the several city fires which destroyed large parts of the town. As there were many abbeys and convents in Haarlem, this acquisition stood Haarlem in good financial stead.

The town saw the rise (and fall) of various industries as the city elders sought to develop the town in the 16th and 17th centuries, the Golden Age of the Low Countries. Textiles, and street names. The once-famous city defenses, in the form of walls, ramparts, gatehouses and look-out towers, have largely disappeared but remnants, like the Amsterdamse Poort, do still survive and the magnificent cathedral on the main square is testimony to the power and financial clout once enjoyed by Haarlem.



Amsterdamse Poort

This small gatehouse stands well east of the town centre on the old road to Amsterdam, its slender, Disney-esque towers an unexpected visual treat in a part of town otherwise dominated by the works depot of the national Dutch rail company.



It is the last remnant of Haarlem's mediaeval defensive ramparts, the other gatehouses having disappeared one by one over the centuries. Originally built in 1355, it has survived against all odds. By the mid-19th century, it was so dilapidated that only a lack of money prevented immediate demolition. Salvation came when it was decided to use it to store munitions from another city gate which had been pulled down. Minor repairs followed at the end of the 19th century but it was not fully renovated until 1985. It had already been declared a listed building in the 1960's.

The Amsterdamse Poort may look a bit of an anomaly nowadays but a reminder of how important it once was is given by a small sculpture nearby, depicting citizens of Haarlem looking up to it in awe and gratitude. Present-day visitors can walk under and through the gatehouse but the interior is not open to the public.

11. Warm-Up Race.

The chicane on the main straight will be built in October/November 2011.
A Warm-Up race will be held in May, early June 2012.
Dates will be confirmed during this winter.

