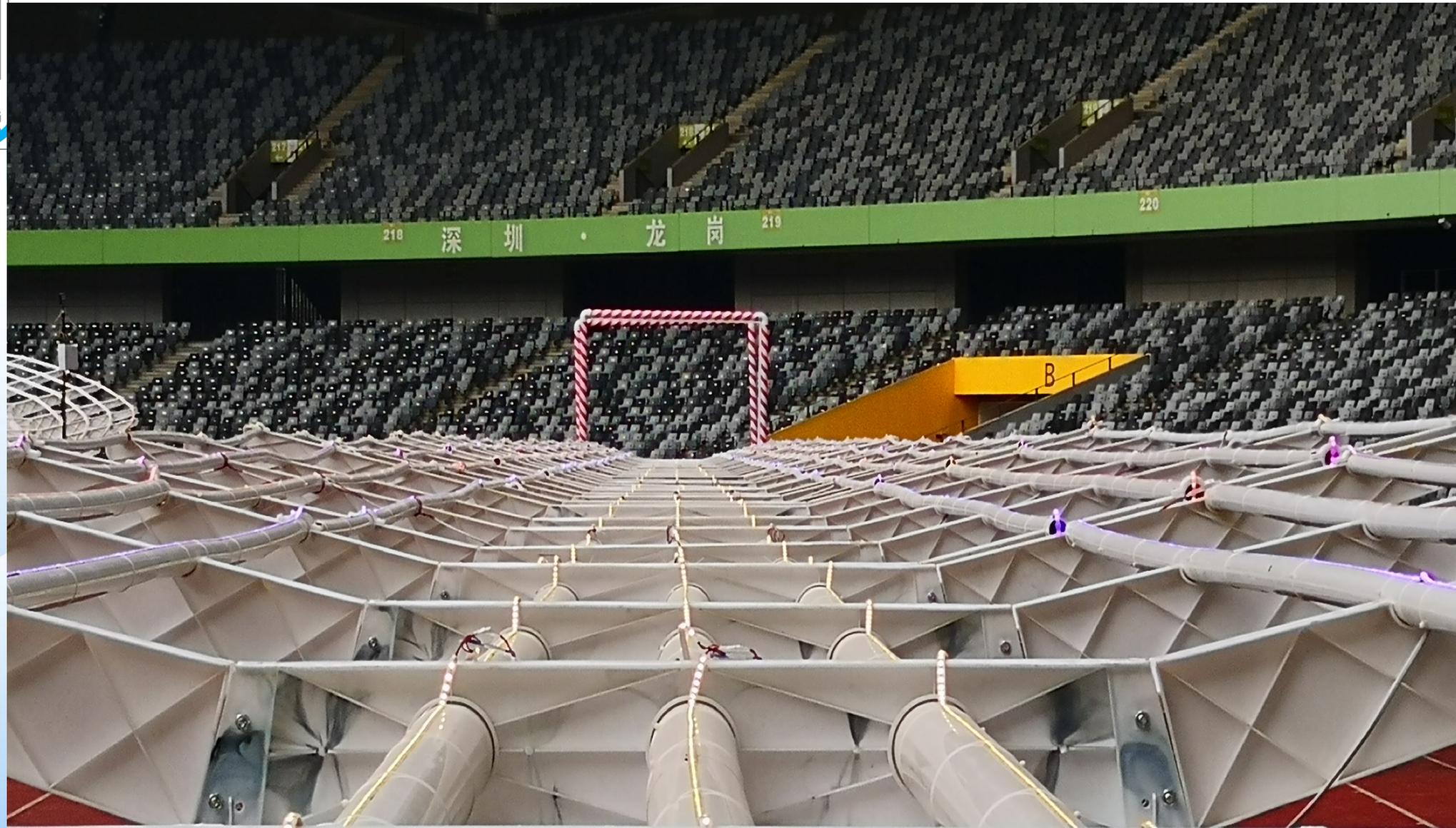


Drone Sport in FAI

2018 Activities and Plan for 2019





Drone Sport in FAI

F9 Technical Meeting Agenda

- **2018 Drone Racing World Cup**
- *2018 World Drone Racing Championships*
- *2019 World Drone Racing Championship format*
- *Ways to improve Drone Sport attractiveness*



Drone Sport in FAI

2018 Drone Racing World Cup

Number of Contests
Number of Organising Countries
Number of Registrations
Number of Competitors Placed
Number of Concerned Countries
Number of Juniors (under 18 years)
Number of Concerned Countries
Number of Women
Number of Concerned Countries

2016	2017	2018
9	16 + 78 %	22 + 38 %
7	12 + 71 %	17 + 42 %
327	575 + 76 %	1004 + 75 %
229	434 + 90 %	669 + 54 %
17	37 + 118 %	41 + 11 %
18	76 + 322 %	133 + 75 %
4	18 + 350 %	23 + 28 %
	6	13 + 117 %
	6	9 + 50 %

2018 World Cup ranking



- **Top 3:**
 - 1- Killian ROUSSEAU (*Junior*) - FRA
 - 2- Jan WIELGOSZ (*Junior*) - POL
 - 3- David SPACEK - FAI (CZE)
- **12 contests won by a Junior**
- **6 Juniors in the top 8 places**

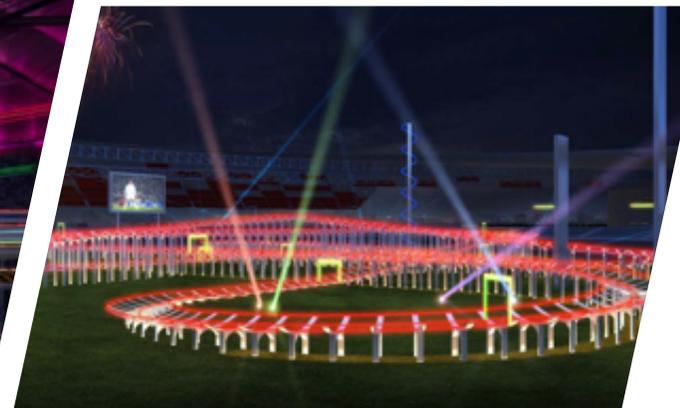




Drone Sport in FAI

F9 Technical Meeting Agenda

- *2018 Drone Racing World Cup*
- **2018 World Drone Racing Championships**
- *2019 World Drone Racing Championship format*
- *Ways to improve Drone Sport attractiveness*



Drone Sport in FAI

2018 World Drone Racing Championships

- **1st to 4th of November 2018**
- **Shenzhen Universiade Center Stadium**
- **128 competitors from 34 countries**
260 participants in total
- **Classifications:** Individual (Overall - Women - Junior) and National team
- **Straight Line Racing additional event** combined with World record attempt)
- **Organization:**
Fédération Aéronautique Internationale (FAI)
Aero Sports Federation of China (ASFC)
Shenzhen Municipality (Culture, Sports and Tourism Administration)
Kaisa Culture Sports & Tourism Group
- **TV Production:** Tencent
National broadcasting: CCTV and local TV
International media distribution
- **Prize Money:** 220.000 \$



Drone Sport in FAI

F9 Technical Meeting Agenda

- *2018 Drone Racing World Cup*
- *2018 World Drone Racing Championships*
- **2019 World Drone Racing Championship format**
- *Ways to improve Drone Sport attractiveness*



Drone Sport in FAI

2019 World
Drone Racing
Championship
format
(1/3)

● 2019 Drone Racing World Cup (F9U class)

■ Challenger Series

- 23 events registered from 18 countries: AUS - BEL - BLR - BUL - ESP (2 events) - FIN (*Indoor*) - FRA (2 events) - GBR - GER (2 events) - KOR (2 events) - ITA - LAT – LTU - MKD (2 events) - POL - RUS - SUI - SVK
- Additional events in discussion with Hong Kong, Indonesia, Japan Malaysia and Mexico

■ Masters Series

- **North American Drone Masters - USA**
 - Hambourg, New York (10 & 11 August)
 - Hold during the 180th Erie County fair
 - Organized by Empire State Customs with MultiGP / AMA support
- **Jeju FAI World Drone Masters - Korea**
 - Jeju City (4 to 6 October)
 - Organized by Korea Aero Models Association



Drone Sport in FAI

2019 World Drone Racing Championship format (2/3)

● 2019 World Championship Grand Final

- **Awarded to China** according to the 2018 Organizing Agreement - Tentative: Shenzhen Tuesday 10 to Friday 14 December 2019 (*subject to the official FAI & ASFC approval*)
- **Participation**
 - **Individual competitors directly qualified**
 - 16 best placed competitors in the World Cup ranking
 - 1st, 2nd and 3rd in a Masters Series event
 - 1st in any Challenger Series event with 40 competitors minimum
 - **National teams**
 - Every NAC may enter a team with 3 competitors extended to a maximum of 5 competitors providing at least one is a junior and one is a female
 - NAC's encouraged to consider for their national team the individual competitors directly qualified from the 2019 World Cup results
 - **Other individual competitors**
 - Host NAC entitled to issue 3 wild cards
 - FAI may issue wild cards to international drone racing leagues



Drone Sport in FAI

2019 World
Drone Racing
Championship
format
(3/3)

● World Championship Grand Final

■ Classifications

- **Individual classifications:** All competitors compete for the individual classifications (Overall and where appropriate Junior and Women)
- **National team classification:** This classification only concerns the national teams. Individual competitors not selected in a national team does not compete for the national team classification

■ FAI Sporting Licence (Aeromodelling Discipline)

- Required for every competitor and team manager
- Not required for the dedicated helpers

Note: Situation of individual competitors directly qualified from World Cup results without being selected in their national team will be discussed case by case if necessary



Drone Sport in FAI

F9 Technical Meeting Agenda

- *2018 Drone Racing World Cup*
- *2018 World Drone Racing Championships*
- *2019 World Drone Racing Championship format*
- **Ways to improve Drone Sport attractiveness**



Drone Sport in FAI

Some ideas to
improve Drone
Sport
attractiveness

- **Better understanding of the race for public and medias**
 - Clear identification of the pilots on a stage with connection with colour allocated to their model
 - LED light unit on the model, including possibility to program colour so that each model in flight has a different one
 - Tracking system to follow on large screens position of the models on the track and placing
- **Effort on the racing track**
 - Avoid sophisticated design
 - Illuminating of the track and/or of the gates when a model passes the gate (with the colour allocated to the model)
- **Improvement of the video pictures quality** considering TV production requires HD format (16:9 1080 p)
 - Additional GoPro camera (useful only for TV post production)
 - Digital camera such as the additional DJI camera used for the WDRC in Shenzhen
- **E-competition** based on simulation of the real track

