



53rd FIG Artistic Gymnastics World Championships
Jakarta, IND

Men's Artistic Gymnastics Technical Committee Report

Executive Summary

1. The LOC and the Indonesia Gymnastics Federation, led by President Ita Yuliati, should be congratulated for delivering a highly successful championship. Their meticulous planning and professional approach led to a well-coordinated event delivering optimal conditions for gymnasts and coaches.
2. Congratulations to the Taishan team and Daniel Fesser, for the delivery of an exceptional set up of the Competition Venue, Training and Warm up halls. Early concerns regarding the colour of landing surfaces did not affect the gymnasts' performances whilst the collapse of High Bar in the training hall was dealt with efficiently and effectively.
3. All-Around Final – the reduction of the number of gymnasts per group led to a more efficient competition lasting 1 hour 59 minutes, a reduction of 48 minutes from Antwerp.
4. The Swiss Timing team were supportive and collaborative in their work. Uncharacteristically the team had several system issues across the first four subdivisions which delayed the competition. An error in the floor timing device led to several timing deductions having to be removed.
5. The Judges' Support System continues to evolve and play a crucial role to ensure fairness in scoring at competitions. Whilst individual element accuracy is good at 95%, analysis of D panel vs JSS D score identifies only 76% accuracy. Following the successful test of one SV accessing JSS, it is recommended that all SV should have access to JSS to assist them in Rotterdam 2026.
6. The MTC held an informative and productive coaches round table with over 70 people in attendance. Discussion topics included the Technical Committee Strategic plan for 2025-28, developments in JSS and Live Judging and the Mixed Team Final proposals for LA28 & Dakar 26. Amongst some interesting debates there was unanimous agreement to remove the Bib numbers.
7. The 'Live Judging' shadow test was delivered as planned. Judges reported that using the handheld device felt natural and that it reduced the need to look down. Next steps for Live Judging will be presented in March 2026 following the accuracy analysis from Dr. Mercier.
8. In total 73 National Federations participated compared to 53 in 2021, an increase of 20 NFs. A total of 254 gymnasts competed compared to 192 in 2021, an increase of 62. Continental representation increased insignificantly from AGU +8 NFs, PAGU +7 and UAG +4.
9. In the All-Around competition a total of 59 gymnasts participated in qualification compared to 53 in 2021. In a dramatic final, Hashimoto won his 3rd consecutive world title over Zhang by a margin of 0.798. Seifert won Switzerland's first All-Around medal, bronze, in 75 years.
10. The Apparatus Finals saw 15 different NFs qualify with 9 NFs winning a medal compared to 8 in 2021. In a dramatic finale to a great championship, we saw the perseverance of Whittenburg (USA) to take gold on Rings, Malone's (USA) return from injury to win gold on Horizontal Bar and Yulo's (PHL) stuck landing to claim gold on Vault.



1. Local Organising Committee

The LOC and the Indonesia Gymnastics Federation, led by President Ita Yuliati, deserve congratulations for delivering a highly successful championship. From the initial site visit onward, it was clear—through their meticulous planning and professional approach—that this event would provide an excellent experience for everyone involved.

The event was coordinated efficiently, providing optimal conditions for both gymnasts and coaches. A well-coordinated orientation meeting, supported by an outstanding group of staff and volunteers, ensured that any initial challenges were addressed quickly and effectively.

2. Venue and Apparatus

Congratulations to the Taishan team and the FIG Apparatus Commissioner, Daniel Fesser, for the delivery of an exceptional set up in the Competition Venue, Training and Warm-up halls.

Colour of landing surfaces. Prior to podium training there were concerns regarding the colour of landing surfaces which were a light pink/white colour. There were no official complaints raised during podium training or competition; however it may be appropriate for FIG team to have sight of equipment colours during site visit.

Horizontal Bar Failure in Training Hall. In the training hall a High Bar collapsed due to the connection joining the bar to the upright disconnecting. The team worked quickly overnight to resolve the issue and weld the said joints on all High Bars in the three venues.

3. Competition Programme

The event management team - led by Technical Advisor Serge Van Poelvoorde, Competition Director Hesti Diwayanti, and Competition Manager Kym Dowdell - should be congratulated for bringing their experience and professionalism to the successful delivery of the competition programme on schedule.

All-Around Final

Following Executive approval earlier in the year this was the first competition that was delivered using 6 groups of 4 gymnasts rather than 4 groups of 6 gymnasts.

The competition was completed successfully in 1 hour and 59 minutes compared to 2 hours and 47 minutes in Antwerp, **a reduction in time of 48 minutes.** Feedback from coaches and gymnasts was positive, with many suggesting this is the optimal time.



4. Swiss Timing

Our thanks go to Christophe Pittet and his experienced team for their professional and supportive approach, not only in delivery a successful Championships but also their collaboration in the coordination of the 'Live Judging Shadow Test'.

There were three situations which impacted the competition.

Floor timing device. This was not adjusted correctly following changes to the COP. An audible warning should sound at 60 seconds, telling the gymnast he has a further ten seconds to complete his exercise. However, this first warning was set at 65 seconds, as per previous code, giving gymnasts a false understanding of how long they had to finish their exercise. This led to a higher number of time penalties. This error was corrected during subdivision two and all previous time deductions were removed.

Swiss Timing scoring system issues. Several issues impacted the efficient running of the qualification competition. Subdivision 1 finished 20 minutes behind schedule due to multiple system issues at the control table. Subdivision 3 suffered two delays on Floor and Subdivision 4 finished 20 minutes behind due to slow Wi-Fi. A report has been requested.

Connectivity between Superior Table and D panel. On numerous occasions it was difficult for the Superior Jury to reach the SV/D panel due the extremely low volume of the ring tone from the iPad. This delayed the competition when trying to deal with blocked scores and inquires and a solution is required.

5. Fujitsu / JSS

The Judges Support System (JSS) continues to evolve and plays a crucial role in ensuring fairness in scoring through the blocked score and inquiry process. We would like to thank Ayako-San and her team for the successful deployment of JSS and their support of the SV test during these championships.

During the Coaches round table and Judges meeting the JSS team presented an update on the system this included how elements were assessed and where information could be found. Both groups found the session useful and informative. **It was evident that few knew the background of the system and where to find this information.** This presents an opportunity to rethink our approach to promoting the system.

As part of the EC approved development of JSS, the High Bar Supervisor was able to access JSS to review key elements prior to entering his D score. The test was to assess if the system could be used to improve accuracy in scoring without impacting the length of competition. On 7 occasions from 142 exercises the SV changed his score based on the JSS analysis, this was done without impacting on timings. JSS served as an effective and reliable partner in the judging process. **It will be recommended that all SV should have access to JSS to assist them in Rotterdam 2026.**



The TC completed an analysis of the D score submitted during the competition to the score given by the JSS system. **This proved valuable, as whilst we believe the individual element accuracy is circa 95%, this new KPI showed that D panel v JSS as only 76% accurate.**

This analysis also identified 35 key elements across the 6 apparatus that led to the discrepancy, and these will be the key focus for the Working Group during the next 6 months.

	Qualification		All-Around		Apparatus		Total	
	JSS / D same	%	JSS / D same	%	JSS / D same	%	JSS / D same	%
Floor	79/124	64	16/24	67	6/8	75	101/156	56
PH	81/128	63	17/24	71	4/8	50	102/160	64
Rings	66/102	65	17/24	71	8/8	100	91/134	70
Vault	161/166	97	24/24	100	16/16	100	201/206	98
PB	140/176	79	18/24	75	5/8	62	163/205	79
HB	78/110	71	21/24	87	7/8	88	106/142	75
Total							764/1003	76

6. Coaches' Round Table

The MTC held an informative and productive coaches round table with over 70 people in attendance alongside FIG Vice Presidents Naomi Valenzo and Suat Celen.

The topics discussed included:

- Presentation of the MTC Strategy 2025-2028.
- Introduced the concept of a digital Code of Points for the next cycle.
- Fairness in Scoring Projects – Fujitsu/JSS and Live Judging.
- Key principles of the CoP and the link to Fairness in Scoring.
- Development of Artistry on Floor.
- Safety in MAG – Vault landing mat project and dismount element groups.
- Presented the Mixed Team Final concept for Dakar 2026 and LA 2028.
- Consulted on the future Competition programme 2029-2032.
- Discussed the formation of a Coach Advisory Panel in 2026.

Jakarta – **concerns about the size of mixed groups and instances the short timing of rotations that impacted All-Arounders.** Discussion on the option of an onsite draw similar to World Cups to gain consistency of group size. The white colour of the mat surface was raised as a concern from a number of NFs

Other topics included the need for more All-Around competitions, the potential benefits of a Technical Symposium and the concerns for athlete safety surrounding the continued use of Bib Numbers. **There was a unanimous vote in the room for the removal of Bib Nos.**



7. Live Judging Test

Both TC's continue to work towards the implementation of Live Judging in competitions as part of the broader "Fairness in Scoring" project.

A key part of this project is to ensure the accuracy of scores using live judging in comparison to the current method. The shadow test was set up with equivalent panels (7 judges) to judge the Apparatus Finals using the device at the same time.

The test was delivered as planned, and feedback from the judges was positive. **They reported that using the handheld device felt generally natural and that it reduced the need to look down as frequently.** We now await Dr. Mercier's assessment of the collected data to validate the accuracy of the method.

8. Participation in Qualification

A total of 73 National Federations participated compared to 53 in 2021, an increase of 20. A total of 254 gymnasts competed compared to 192 in 2021, an increase of 62.

Continental Unions	National Federations	%	NFs 2021	Gymnasts In 2025	%	Gymnasts In 2021
EG	33	45.3	33 =	120	47.3	115 (+5)
AGU	19	26	12 (+8)	65	25.6	43 (+22)
PAGU	14	19.2	7 (+7)	46	18.1	28 (+18)
UAG	5	6.8	1 (+4)	13	5.1	6 (+7)
OGU	2	2.7	0	10	3.9	0 (+10)
	73		53 (+20)	254		192 (+62)

Apparatus	Gymnasts 2025	Gymnasts 2021	+/-
Floor	125	102	+23
Pommel Horse	129	109	+20
Rings	102	89	+13
Vault	110 (56 x 2)	98 (47x2)	+12/9
Parallel Bars	116	96	+20
High Bar	111	91	+20



9. Participation in All-Around – Qualification and Finals

A total of 59 gymnasts participated in qualification compared to 53 in 2021.

6 NFs participated with 2 gymnasts in final - JPN, CHN, SUI, BRA, FIN, ESP.

Increase in qualification gymnasts from PAGU, UAG and OGU and into the final from AGU and PAGU.

In a dramatic final, Hashimoto won his 3rd consecutive world title over Zhang by a margin of 0.798. Seifert won Switzerland's first All Around medal, bronze, in 75 years.

Continental Unions	Qualification 2025	Qualification 2021	AA Final 2025	AA Final 2021
EG	30	37	13	18
AGU	11	10	5	3
PAGU	13	6	4	3
UAG	3	0	1	0
OGU	2	0	1	0
Total	59	53	24	24

10. Participation in Apparatus Finals

In total 15 different NFs participated in the Apparatus Finals compared to 20 in 2021.

9 countries won an apparatus medal compared to 8 in 2021.

Other NFs that made finals, THA, HUN, CAN, COL.

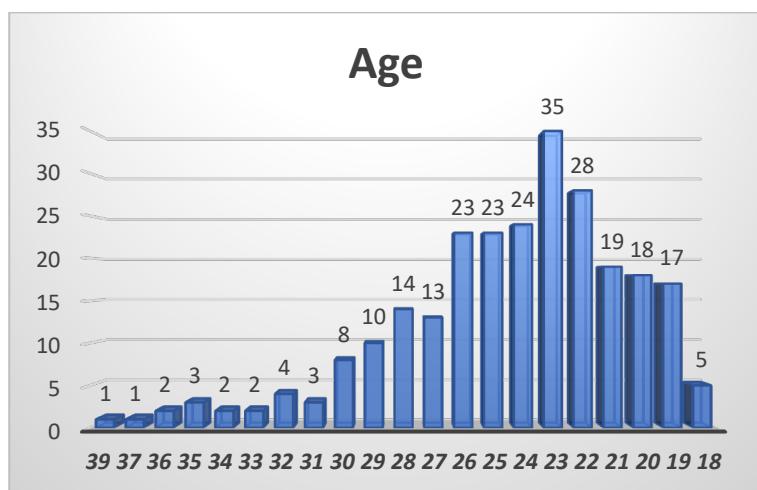
In a dramatic finale to a great championship we saw the perseverance of Whittenburg (USA) take gold on Rings, Malones (USA) return from injury to win gold on High Bar and Yulo (PHL) stick his landing to claim gold on Vault.

National Federation	Finals in 2021	Finals in 2025	Gold	Silver	Bronze	Total v 2021
CHN	4	7	2		1	3 (5)
JPN	5	5		2		2 (4)
GBR	4	5	1	1	1	3 (0)
KAZ	3	4				0
USA	3	4	2		1	3 (2)
ARM	1	3		2		2
AIN	1	5			1	1 (1)
ITA	4	2				0 (3)
PHL	3	2	1		1	2 (2)
UKR	2	1			1	1 (0)
TUR	1	1		1		1 (0)



11. Appendix

Age of Gymnasts



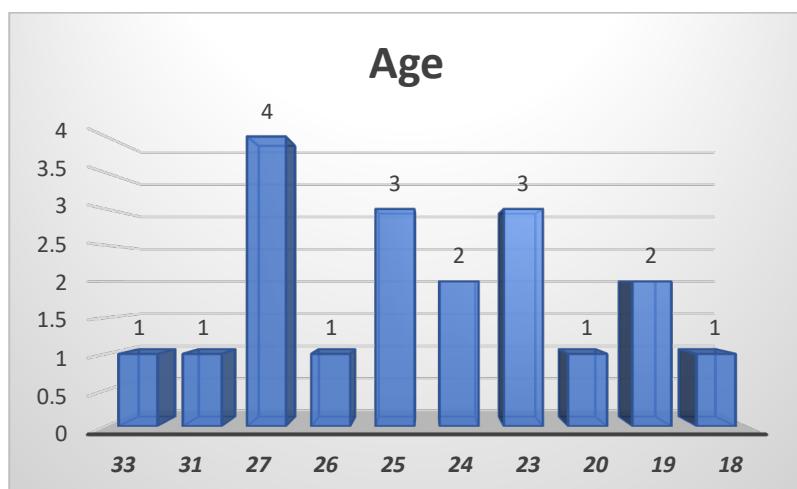
Youngest – David IVANOV BUL 18 y.o.

Oldest – Filip UDE CRO 39.5 y.o.

Average age – 24.5 y.o.

Age	No of gymnasts	%
39	1	0,39
37	1	0,39
36	2	0,78
35	3	1,18
34	2	0,78
33	2	0,78
32	4	1,57
31	3	1,18
30	8	3,14
29	10	3,92
28	14	5,49
27	13	5,10
26	23	9,02
25	23	9,02
24	24	9,41
23	35	13,73
22	28	10,98
21	19	7,45
20	18	7,06
19	17	6,67
18	5	1,96

Age of Medallists



Age	No of the gymnasts	%
33	1	5,3
31	1	5,3
27	4	21,0
26	1	5,3
25	3	15,8
24	2	10,6
23	3	15,8
20	1	5,3
19	2	10,6
18	1	5,3

Total of 19 gymnasts won medals

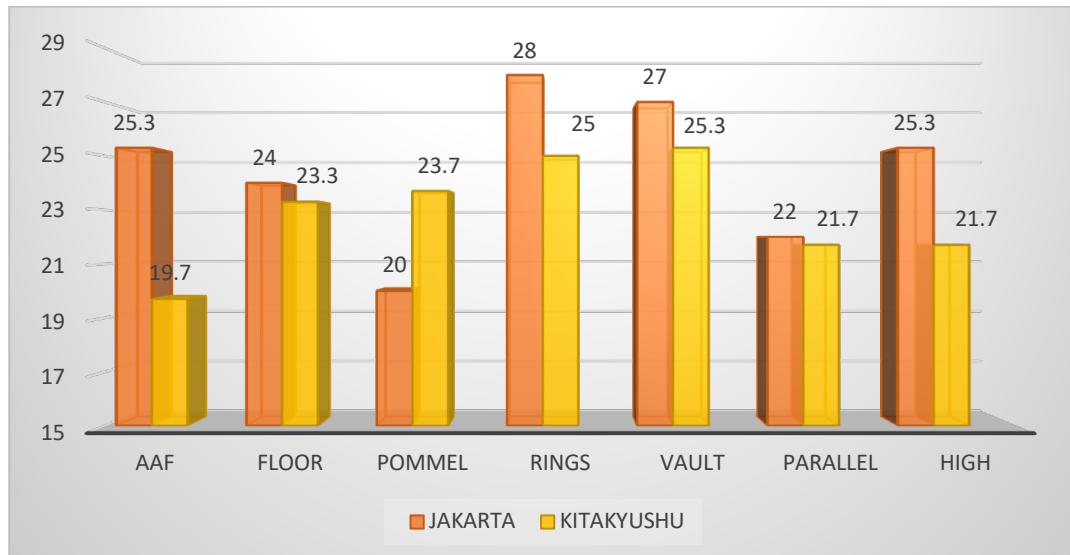
Youngest – Mamikon KHACHATRYAN ARM 18.7 y.o.

Oldest – Artur DAVTYAN ARM 33.2 y.o.



The age of the World Championship medalists over four years, from 2021 to 2025, has significantly increased, except for one gymnastics apparatus, the Pommel Horse.

Comparison of the medalists age JAKARTA & KITAKYUSHU



Apparatus Analysis from Qualification

Qualification Score	Floor	Pommel	Rings	Vault	PBars	HBar
Highest	14.7	14.7	14.766	14.75	15.466	14.8
8th	13.866	14.3	14.333	14.033	14.3	14.133
Lowest	5.4	4.433	6.866	10.6	7.00	7.366
Apparatus Final Score						
1st	14.866	14.6	14.7	14.866	15.3	14.933
8th	12.533	12.366	13.366	13.749	13.1	12.566

D Score	Floor	Pommel	Rings	Vault	PBars	HBar
Highest	6.3	6.0 (4)	6.0	5.6	6.0	6.4
Lowest	2.5	1.0	1.8	2.4	1.9	1.9
Av/Med	5.0	5.2	4.4	4.8	4.8	4.7

E Score	Floor	Pommel	Rings	Vault	PBars	HBar
>=9.0	0	1	2	51	1	0
>=8.5	4	12	14	74	17	6
>=8.0	33	31	34	16	42	32
>=7.5	32	23	25	24	17	28
>=7.0	24	14	15	0	18	23
<7.0	31	48	12	0	22	22



Inquiries

A total of 17 inquiries were made with 5 accepted. The D panel were directed to MAG CoP's Article 7.4.6, in interest of sporting fairness, in case of doubt, element recognition should not be given allowing coach to inquire. This didn't lead to an increase in inquiries.

Inquiries	Qualification	All Around	Apparatus	Total	Antwerp
Floor	2 / 0	1 / 1	0	3 / 1	4 / 4
Pommels	1 / 0	1 / 0	0	2 / 0	5 / 2
Rings	0	2 / 0	0	2 / 0	3 / 2
Vault	1 / 0	0	0	1 / 0	0
PBars	2 / 0	0	0	2 / 0	1 / 0
HBar	3 / 2	2 / 2	2 / 0	7 / 4	9 / 2
				17 / 5	22 / 10

Stick Bonus

The D panel were advised that if they were in doubt that they should not award 'stick' bonus and allow the coaches to ask for a review, at no cost. Stick bonus was awarded 96 times, with 14 request for reviews, which led to 5 gymnasts being awarded bonus.

	Qualification	All Around	Apparatus	Reviews	Accepted
Floor	10	3	1	6	1
Rings	14	7	0	2	1
Vault	9	2	5	0	
PBars	16	8	1	4	2
HBar	14	6	1	2	1

Floor

The first gymnast in history to perform two triples saltos in an exercise - triple pike and triple tuck - Cameron Nelson USA.

Many falls occurred across the three competitions – 68 in total, 9 gymnasts fell twice and 4 gymnasts fell 3 times.

There were 16 elements not recognised, I.61 four times and II.17 three times.

Surintornta THA /322/ didn't present after routine during the final – 0.3 ND.

Favoured connection salto str. bwd 5/2 + salto fwd str – performed 47 times.

	Comp I	Comp II	Comp III
Line 0,1	48	7	5
Line 0,3	16	2	0
Time 0,1	2	2	0
Time 0,3	3	0	0
Time 0,5	3	0	0
Stick bonus	10	3*	1



Pommel Horse

There were 50 elements not recognised, 12 during flop sequences, 7 for dismount problems and 5 for support during scissor with travels.

22 gymnasts fell during their exercise, 3 falling 2 or more times.

Rings

There were 23 elements not recognised, I.81 - 4 times, I.75 - 3 times (Longswings) and III.70 - 4 times (Uprise to Support Scale).

10 gymnasts performed triple salto tucked and 1 triple piked salto dismount.

Although upgrades were made to strength elements in the new code, only two G elements were performed, both Baladin 2.

Upgrades were awarded 14 x Yamawaki and 28 x Jonasson to longswing.

Vault

One zero vault was recorded, a Yurchenko double pike that landed headfirst. JSS did not recognise this and awarded the vault.

The vast majority of vaults performed are from Group 1, either Tsukahara/Kasamatsu (between 2-3 twists) or Handspring Salto Stretched (1.5-2.5 twists).

Group 2 Handspring Double Front salto (tuck/pike and Dragalescu variations)

A total of 32 falls were recorded on Vault.

Parallel Bars

There were 44 elements not recognised, II.35 x 9 (Makuts), III.4 x 6 (Bhavsar), III.106 x 7 (Felge) III.107 x 5 (Felge ½ Turn).

Neutral deduction for exceeding warm-up time was taken 6 times.

Dismount - Double salto bwd tucked with 1/1 turn (G) was performed 4 times. Double tucked front with/without 1/2 turn, remain the most popular dismounts performed 61 of 117. Other G elements performed, Fwd uprise to Makuts to support x 2 and Tanaka x 3.

Horizontal Bar

There were 16 elements not recognised, including II.9 x 6 (Straight Yamawaki) II.16 x 2 (Straight Tkatchev), II.29 x 2 (Piatti).

Adler 1/2 turn + Kolman +0,2 was the most popular combination - (16 times in competition 1, 9 times in competition 2 and 4 times in competition 3).

Connections bonus awarded 18 x 0.1 and 26 x 0.2.

Triple salto tucked was performed 17 times and triple salto piked 3 times.

There were 39 falls with 8 gymnasts falling twice.



Judging Activities

D Judges

The D judges were drawn from the list of Category 1 judges.

Amongst the judges drawn from SVK, AIN2, ROM, EGY, LTU, GER, USA, NED, LUX, AUS, ESP, COL, there were 4 first time D judges at a World Championship.

Our thanks go to the D judges for their diligence and accuracy in completing their work. A low number of block scores and inquiries is testament to a successful championship.

E Judges

In total 53 National Federations were represented by 67 judges.

14 NFs presented 2 E judges: all other NFs presented with 1 E judge.

All E judges were able to judge at least one phase of the Championships.

In attendance were 2 Category 1, 55 Category 2 and 10 Category 3 judges.

Judges Instruction

The judge's instruction for D and E judges was delivered separately. Each apparatus Supervisor prepared presentations focusing on the key themes as well as 4 practice exercises for both D and E judges. Mentimeter was used for the E jury practice exercises which helps ensure focus and a level of competition within the room.

All presentations were available on the STS platform within 7 days. The preparation for these presentations is a lengthy process starting in March. They provide valuable education material that is available to the entire MAG community.

Our Appreciation

Our sincere appreciation goes to FIG President Morinari Watanabe and FIG Secretary General Nicolas Buompane for their continued support and guidance. In particular, their leadership in dealing with the Israeli participation issue, gave us the confidence to succeed in our work.

We also thank the FIG Authorities, Ali Al Hitmi and Srayuth Patanasak, President and Member of the MAG Jury of Appeal respectively, for their warm support and advice.

To the members of the Superior Jury, Alijaz Pegan and Arturs Mickevics, for sharing your expertise and providing guidance during my first major event, as President, was invaluable.

We are forever grateful for the dedication and excellence shown by the FIG staff. As a Committee, we are fortunate to work alongside MTC Sports Manager Stephane Detraz, who brings a wealth of knowledge and was proactive in foreseeing problems and identifying effective solutions. My warmest thanks also go to Céline Cachemaille, who was always available to offer guidance and advice throughout our journey in Jakarta.



Together, they played a collaborative and supporting role to both disciplines and consistently went above and beyond to ensure that every member of the FIG family had a positive experience. The organisation is fortunate to have two such exceptional people.

Finally, to my TC Colleagues, as we worked together at our first World Championships, I cannot thank them enough. They bring a vast array of skills, knowledge and experience, and have worked diligently over the last 9 months to deliver a successful Championships for the gymnastics community.

Andrew Tombs
President - Men's Technical Committee