



World Federation for Chess Composition
62nd Ordinary Meeting (World Congress)
Vilnius, Lithuania, 17th - 24th August 2019

MINUTES

OFFICIAL PARTICIPANTS

Harry Fougiaxis	Greece	President
Thomas Maeder	Switzerland	1 st Vice-President
Luc Palmans	Belgium	3 rd Vice-President
Neal Turner	Finland	Secretary
Marcos Moldanado Roland	Brazil	Deputy
Milan Petras	Czech Republic	Deputy
Bjørn Enemark	Denmark	Delegate
Hannu Harkola	Finland	Delegate
Axel Gilbert	France	Delegate
David Gurgenidze	Georgia	Delegate
bernd ellinghoven	Germany	Delegate
Brian Stephenson	Great Britain	Delegate
Yochanan Afek	Israel	Delegate
Tadashi Wakashima	Japan	Delegate
Julia Vysotska	Latvia	Delegate
Martynas Limontas	Lithuania	Deputy
Abdelaziz Onkoud	Morocco	Delegate
Johan de Boer	Netherlands	Delegate
Piotr Górski	Poland	Delegate
Dinu-Ioan Nicula	Romania	Delegate
Andrey Selivanov	Russia	Delegate
Marjan Kovačević	Serbia	Delegate
Peter Gvozdjak	Slovakia	Delegate
Marko Klasinc	Slovenia	Delegate
Joaquim Crusats	Spain	Delegate
Kjell Widlert	Sweden	Delegate
Valery Kopyl	Ukraine	Delegate

The following countries were not represented:

Argentina, Austria, Azerbaijan, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Estonia, Hungary, Italy, Kazakhstan, Moldova, Mongolia, North Macedonia, United States.

Persons who contributed actively included: Vidmantas Satkus, Martynas Limontas, Alina Satkuvienė, Iveta Satkutė, Gita Satkutė (organisation), Ryszard Królikowski, Axel Steinbrink (solving events), Vilimantas Satkus, Viktoras Paliulionis, Borisas Gelpernas (composing tourneys), Department of Physical Education and Sports under the Government of the Republic of Lithuania; Grant Thornton and Crowne Plaza Hotel.

1 Opening Address

The president Harry Fougiaxis opened the meeting and welcomed delegates and observers. He thanked Vidmantas Satkus for organising the congress.

2 Tributes

The assembly stood in memory of the following problemists who passed away during the year:

Fernand Joseph	Belgium	(26.12.1936 - ???.???.2017)
Carlos Lago	Argentina	(10.01.1936 - 22.09.2018)
Piet van der Laan	Netherlands	(11.04.1931 - 28.09.2018)
Herbert Lang	Germany	(12.05.1941 - 05.11.2018)
Heinz Gfeller	Switzerland	(25.07.1933 - 12.11.2018)
Stewart Crow	Great Britain	(13.02.1930 - 02.12.2018)
Nikos Dambassis	Greece	(02.05.1918 - 15.12.2018)
Rolf Notter	Switzerland	(22.03.1927 - 27.12.2018)
Kurt Zatti	Switzerland	(24.03.1925 - 27.01.2019)
Robert (Bob) Burger	United States	(21.06.1931 - 06.02.2019)
Mečislovas Rimkus	Lithuania	(23.12.1942 - 08.02.2019)
Viktor Razumenko	Russia	(18.02.1937 - 10.02.2019)
Petre Stojoski	North Macedonia	(15.06.1951 - 12.02.2019)
Vladimir Voronin	Russia	(31.03.1950 - 08.03.2019)
Dieter Müller	Germany	(14.10.1946 - 18.03.2019)
Krassimir Gandev	Bulgaria	(21.03.1946 - 12.04.2019)
Timothy Whitworth	Great Britain	(31.07.1932 - 17.04.2019)
Arieh Grinblat	Israel	(16.01.1937 - 21.04.2019)
Dieter Kutzborski	Germany	(14.06.1947 - 27.04.2019)
Stanislav Kirilichenko	Ukraine	(20.07.1938 - 21.06.2019)
Miodrag Radomirović	Serbia	(08.04.1951 - 04.07.2019)
Emzar Chumburidze	Georgia	(1945 - 2019)

3 Verification of Attendance and Voting Rights

21 countries were represented at the beginning of the opening session, and the meeting was declared legal. After the late arrival of further delegates, 26 countries in total attended the meeting.

4 Approval of the Ohrid Minutes 2018

The Minutes of the 2018 meeting were approved without amendment.

5 Membership of the Standing Committees

5.1. WCCT: [G. Evseev] spokesman, K. Widlert acting spokesman
O. Comay, [V. Dyachuk], H. Fougiaxis, V. Kopyl, T. Maeder, P. Gvozdják

5.2. WCCI: D. Turevsky, spokesman
D. Gurgenidze, [Z. Hernitz], [D. Kostadinov], [M. Prcic], A. Selivanov, K. Widlert
R. Staudte (Supervising Panel)

5.3. Solving: L. Palmans, spokesman
M. Kolčák, [M. Mladenović], R. Ott, Vid. Satkus, A. Selivanov, A. Steinbrink, [R. Stelling]

5.4. FIDE Album: H. Fougiaxis, spokesman
[G. Büsing], P. Einat, [G. Evseev], P. Gvozdják, [J. Rice], A. Selivanov, K. Widlert

5.5. Qualifications: D.-I. Nicula, spokesman
J. de Boer, B. Enemark, H. Fougiaxis

5.6. Computer Matters: T. Maeder, spokesman
B. Enemark, [I. Ketris], [M. Křižovenský], M. Schlosser, [R. Stelling], B. Stephenson, D. Turevsky,
J. Vysotska, K. Widlert

5.7. Studies: S. Slumstrup Nielsen, spokesman
Y. Afek, [I. Aliev], [G. Costeff], D. Gurgenidze, [S. Hornecker], [M. Minski], O. Pervakov,
[J. Roycroft], [H. van der Heijden], M. Van Herck

5.8. Codex: K. Widlert, spokesman
M. Caillaud, B. Enemark, B. Stephenson

5.9. Youth: M. Kovačević, spokesman
P. Einat, D. Gurgenidze, M. McDowell, D.-I. Nicula, S. Slumstrup Nielsen, A. Selivanov, J. Vysotska,
T. Wakashima

Absent members of committees are indicated by [brackets].

6 Notification of Proposals and Business carried forward

Discussion of the proposals and topics was allocated to the committees as follows:

- | | |
|--|----------------------|
| – Proposal by V. Crisan, J-M. Loustau and M. Parrinello | FIDE Album committee |
| – New rating system | Solving committee |
| – Various suggestions for changes in the solving rules | Solving committee |
| – Protest of Anatoly Slesarenko | WCCI committee |
| – Proposal to change statutes regarding application for membership | Presidium |

7 Review of the year

7.1 Brian Stephenson reported that David Hodge had this year won the British Solving Championship for the first time. Publication of the much anticipated BCPS Centenary Review is advancing.

7.2 Kjell Widlert stated that after a gap of half a year due to the editor being unable to continue, the publication of *Springaren* had now resumed with himself as the editor-in-chief.

7.3 Thomas Maeder referred to the Josef Kupper memorial tournament in chess, which was currently happening in Zurich. We were reminded that as well as being a prominent composer, he was more well-known in his own county as an outstanding chess player.

7.4 Bernd Ellinghoven reported that *Schwalbe* had produced an updated edition of Wolfgang Dittmann's 1988 history of the society, *Flug der Schwalbe*, edited by Thomas Brand and Hans Gruber. This had been distributed free to members, but was also available to buy.

A new condition, "make&take", had featured in the recent Andernach tourney and would also be the topic of the upcoming *feenschach* 70th anniversary tourney.

7.5 Dinu-loan Nicula circulated a letter describing a situation in Romania where one Dan-Constantin Gurgui has started publishing a magazine named *Buletin Problemistic*. However this title is owned by the Romanian Chess Federation (who have the ISSN) and is being used without permission. The Romanian Federation, along with the Romanian Chess Composition Commission, are urging the problemist community to boycott this unauthorised publication as an act of solidarity.

7.6 Yochanan Afek remarked that the activities of the Israeli Problem Society were progressing as usual. The magazine *Variantim* was continuing to appear thanks to, among others, Paz Einat. Young solvers had been successful in various events, while a composing tourney for studies had been organised in memory of Raaphi Persitz.

7.7 Andrey Selivanov reported that with the accession of FIDE President Arkady Dvorkovich various new initiatives were under way focusing on the relationship between chess and composing.

Dinu-loan Nicula had been appointed to the qualifications committee of FIDE, while Selivanov had been given responsibility for composing matters.

The World Cup for Composition had been given a budget of 10000 euros with which it was possible to allocate generous prizes for the winners as well as stipends for the judges and the director.

There may be a possibility of organising joint FIDE/WFCC events promoting youth development. The matter of the relationship between WFCC and FIDE was raised, when it was stated that elements within FIDE had reservations about the WFCC's use of the word 'FIDE' in their titles. The

President Harry Fougiaxis responded that this had been a long-standing practice and there had been no communication from FIDE about this matter.

7.8 Future Meetings and WCCS

One proposal had been received for the 63rd WCCC (& 44th WCSC):

Island of Rhodes, Greece (3-10 October 2020)

One proposal had been received for the 15th ECSC: Poltava, Ukraine (24-26 April 2020)

8 Reports and Discussion

8.1 Solving Committee

8.1.1 International Solving Contest (ISC)

Axel Steinbrink reported to the assembly. The contest was conducted in 33 countries with 49 tournaments with a total of 648 solvers (261 in Category 1, 151 in Category 2 and 236 in Category 3). The results were published on 11th of February and no appeals were filed.

Category 1: 1. Piotr Murdzia (POL), 2. John Nunn (GBR), 3. Michel Caillaud (FRA)

Category 2: 1. Jonasz Baum (POL), 2. Tomasz Jankowiak (POL), 3. Bartosz Swiatek (POL)

Category 3: 1. Elgun Pashayev (AZE), 2. Daniil Fedotov (RUS), 3. Murad Ismayilov (AZE)

In the Category 1 contest there were also sections for juniors, women and seniors with the following top results:

Juniors: 1. Danila Pavlov (RUS), 2. Ilija Serafimović (SRB), 3. Kirill Shevchenko (UKR)

Women: 1. Lilia Kosolapova (RUS), 2. Laura Rogule (LAT), 3. Britta Leib (GER)

Seniors: 1. John Nunn (GBR), 2. Michel Caillaud (FRA), 3. Michael Pfannkuche (GER)

Reference was made to the event taking place for the first time in the United Arab Emirates attracting a record 113 participants from 23 countries including 11 OTB GMs, with Marjan Kovačević undertaking the role of local controller.

The president thanked Axel Steinbrink and Luc Palmans for the successful organisation.

Axel Steinbrink and Luc Palmans will be again the central controllers of ISC 2020, which will take place on 26.01.2020.

8.1.2 World Solving Cup 2018-2019

Roland Ott reported that the fourth World Solving Cup was a success with 17 national tournaments plus the ECSC Open and the WCCC Open. World Cup points were gained by 85 solvers. The winners were:

1. Danila Pavlov (RUS) 139 points
2. Martynas Limontas (LTU) 136 points
3. Eddy Van Beers (BEL) 115 points

Roland Ott will be the director of the 2019-20 WSC.

8.1.3 European Chess Solving Championship (ECSC) 2019

The 14th European Chess Solving Championship was held in Glyfada (Athens), Greece during 3rd-5th May 2019.

The director was Ivan Denkovski assisted by Ioannis Garoufalidis and Harry Fougiaxis.

Participation consisted of 14 teams and 65 individuals. The top results are:

Teams: 1. Russia 2. Poland 3. Great Britain

Individuals: 1. Danila Pavlov (RUS) 2. Piotr Murdzia (POL) 3. John Nunn (GBR)

Seniors: 1. John Nunn (GBR) 2. Jonathan Mestel (GBR) 3. Marjan Kovačević (SRB)

Juniors: 1. Danila Pavlov (RUS) 2. Aleksey Popov (RUS) 3. Danila Moiseev (RUS)

Women: 1. Dariana Gabriela Didiliuc (ROU) 2. Petroula Kefsikoglou (GRE) 3. Delia Monica Duca (ROU)

The Open solving tournament conducted by Ioannis Garoufalidis attracted 70 participants, the leading scores being: 1. Martynas Limontas (LTU) 2. Kacper Piorun (POL) 3. Aleksey Popov (RUS).

Ivan Denkovski thanked the organising team, being particularly impressed by their expertise and efficiency.

8.1.4 World Chess Solving Championship (WCSC) 2019

The director Ryszard Królikowski thanked the organisers for the excellent facilities and also Axel Steinbrink for his expert assistance. Announcing the results of the 43rd WCSC he reported that 21 teams and 90 solvers participated in the championship. The top results are:

Teams		Individuals	
1. Poland	150.1	1. Piotr Górski (POL)	70.3
2. Russia	147.5	2. John Nunn (GBR)	69.6
3. Great Britain	140.6	3. Eddy Van Beers (BEL)	69.5
4. Germany	137.3	4. Kacper Piorun (POL)	69.1
5. Serbia	129.8	5. Piotr Murdzia (POL)	68.5
6. Lithuania	124.1	6. Aleksey Popov (RUS)	68.3
7. Ukraine	121.2	7. Boris Tummes (GER)	67.3
8. Finland	117.5	8-9. Martynas Limontas (LTU)	65.5
9. Belgium	117.3	8-9. Danila Moiseev (RUS)	65.5
10. Netherlands	116.3	10. Omer Friedland (ISR)	65.2

The three top solvers in the category of seniors (34 participants): 1. John Nunn (GBR) 2. Anatoly Mukoseev (RUS) 3. Marjan Kovačević (SRB). 12 juniors competed, the top places going to Aleksey Popov (RUS), Danila Moiseev (RUS) and Danila Pavlov (RUS). This year there were 2 lady solvers, Laura Rogule (LAT) and Aleksandra Safronova (RUS), the latter recording the largest rating gain of all the competitors.

There were 100 participants in the Open solving tournament, directed by Vidmantas Satkus assisted by Axel Steinbrink, and the winners are: 1. Piotr Murdzia (POL), 2. John Nunn (GBR), 3. Michael Pfannkuche (GER). Best seniors out of 38 participants were: 1. John Nunn (GBR), 2.

Michael Pfannkuche (GER), 3. Michel Caillaud (FRA). From the 13 juniors taking part, the top solvers were: 1. Danila Pavlov (RUS), 2. Aleksey Popov (RUS), 3. Maksim Romanov (RUS).

The president thanked Ryszard Królikowski, Vidmantas Satkus and their teams for the excellent organisation of the events.

8.1.5 Other Solving Matters

Rule changes

The Solving Committee made a number of, mostly technical, proposals set out in the following documents:

Solvers' rating - Annex 1

Rules for World Solving Cup (WSC) – Annex 2

Rules for international Solving Contest (ISC) – Annex 3

World (European) Chess Solving Championship (WCSC/ECSC) – Annex 4

Among these there was a statement that non ECU members can participate in the ECSC, but although their ratings will count, they will not be eligible for the European title.

Also in the ISC, directors will no longer be able to enter results on the MatPlus web site; instead the WFCC Solving Tournament Manager application was recommended.

All these proposals were accepted without opposition, except the recommendation for the helpmate rounds of WCSC-style tourneys.

Earlier the recommended maximum total of solutions for the three problems had been 7, the committee was now recommending a maximum of 9 solutions. The idea was to give more flexibility, but it was also following what has become current practice.

However there was some resistance to this among the delegates, some saying there already too many solutions in the helpmate rounds.

In a vote the proposal passed: 11 for, 6 against, 4 abstentions.

Proposals from Abdelaziz Onkoud (mandatory cash prizes in World Solving Cup tourneys) and Andrey Selivanov (no more than one fairy problem in a set) were not accepted by the committee.

Solvers' rating

A subcommittee has been studying various systems with a view to replacing the current system for the calculation of solvers' ratings. Now the committee is recommending the system developed by Tomáš Peitl (Annex 5).

It was reported that it had already been implemented in the solving results application STM and could be started immediately once accepted.

There were some questions concerning the possibility of ratings inflation in the future, but delegates were told that such things would be closely monitored, with a view to making modifications to correct any imbalances.

The proposal was given a boost when Marko Klasinc, designer of the old system, gave his support to the new system.

In a vote the proposal to adopt Tomáš Peitl's system was accepted unanimously.

The system will come into use after the Congress, with no retrospective application.

Other matters

With the aim of standardizing rated solving tournaments, a document, *Guidelines for directors of rated solving tournaments* (Annex 6), has been drawn up by Luc Palmans, Roland Ott and Axel Steinbrink. This comprises recommendations for best practice before, during and after a solving tournament.

In the section concerning the selection of problems, it is clear that the authors had taken on board many of the points made by Marjan Kovačević in his critique of trends in modern solving tournaments. The criticism was focused on helpmates (lack of strategic content), studies (lack of clarity) and selfmates (lack of solvability). See Annex 7.

8.2 WCCT Committee

In the absence of spokesman Georgy Evseev, Kjell Widlert assumed the role of temporary spokesman. Due to ongoing discussion on the wording of themes, Mr Evseev had recommended delaying announcing the 11th WCCT for one year. However the committee was not in favour of a delay as all the themes had now been chosen. But a new proposal for the study theme has been put forward and a 'task force' of four people have been charged with examining it.

Mr Widlert appealed to countries to specify which sections they were prepared to judge. It was agreed that he would write to each delegate with this request.

The plan was to announce the 11th WCCT by the end of the year.

8.3 WCCI Committee

The committee had considered the appeal by Anatoly Slesarenko (Annex 8) and reached the following conclusions:

- a) There is no justification for re-calculating the score of a single entry based on a different formula (and thus for introducing a significant change to the final results).
- b) Disciplinary actions should not be imposed upon the judge based on a single case.
- c) The committee failed to agree upon the new mechanisms designed to prevent such situations with controversial anticipation claims in the future, although few suggestions were discussed, notably, the introduction of the negotiation round, where the judges would discuss the individual scores between themselves. At the same time the committee would like to emphasize that the current system had already protected the Slesarenko's entry: the single zero score (which is the essence of this appeal) was discarded and the problem in question

automatically qualified for the FIDE Album and therefore the need for new mechanisms does not seem completely well-founded.

The recommendation that no changes be made to the results of the 7th WCCI was accepted.

In presenting the results of the 7th WCCI the spokesman reported that the total entry had consisted of 266 composers from 42 countries submitting 2831 compositions.

The winners were as follows:

Section	1st place	2nd place	3rd place
A – Twomovers	Vasil Dyachuk	Marjan Kovačević	Valery Shanshin
B – Threemovers	Aleksandr Feoktistov	Aleksandr Kuzovkov	Valery Shavyrin
C – Moremovers	Mikhail Marandiyuk	Aleksandr Kuzovkov	Fyodor Davidenko
D – Endgame studies	Oleg Pervakov	Martin Minski	Steffen Slumstrup Nielsen
E – Helpmates	Vasil Krizhanivsky	Aleksandr Semenenko	Fadil Abdurahmanović
F – Selfmates	Andrey Selivanov	Zoran Gavrilovski	Aleksandr Kuzovkov
G – Fairies	Vlaicu Crișan	Petko Petkov	Lev Grolman / Borislav Gadjanski
H – Retros	Silvio Baier	Dmitrij Baibikov	Nicolas Dupont

D. Turevsky announced he was stepping down as WCCI committee spokesman and as director of the WCCI. Valery Kopyl (UKR) will be the Director of the 8th WCCI, however as there were no candidates or volunteers for the WCCI Committee Spokesman position, Mr Turevsky will act as a current Deputy Spokesman.

The president thanked Mr Turevsky for the excellent work he had done to make the WCCI a success and expressed his confidence that Mr Kopyl will continue on the same course.

8.4 FIDE Album Committee

8.4.1 2013-2015 Album

The 2013-2015 Album was published on time and was available for purchase at the congress. Detailed reports on the various sections can be found on the WFCC site. The president congratulated Peter Gvozdják and his team and expressed his gratitude for the time and effort expended.

8.4.2 2016-2018 Album

The closing date for submissions was 1.6.2019.

All sections (except selfmates and fairies) had already been forwarded to the judges. The two outstanding sections were expected to meet the scheduled date. The decision to split the fairy entries into two groups had been a success.

8.4.3 Other Album matters

Last year the proposal by Vlaicu Crișan, Jean-Marc Loustau and Mario Parrinello - to change the way that problems are submitted to the Albums from once every three years to once a year over the three year period (Annex 9) - was held over.

Now the committee had given it more consideration but had struggled to reach a consensus. Getting a result each year might be better for composers, however the argument that by evening

out the workload for the judges would make the job less onerous, was countered by the idea having to meet three deadlines would lead to more stress for the judges.

It was pointed out that the link with the WCCI would be broken as problems being considered by the WCCI judges might already have been rejected by the FIDE judges. Also it would be impossible to maintain the limits on the number of submissions by individual composers.

The proposal was presented to the delegates without a recommendation from the committee. After some debate a vote resulted in: 0 for, 8 against, 11 abstentions. The proposal was not approved.

8.5 Qualifications Committee

The spokesman Dinu-loan Nicula proposed the award of composing, solving and judging titles as follows:

International Grandmaster of the FIDE for Chess Compositions to:

János Csák	Hungary
Evgeny Fomichev	Russia
Juraj Lörinc	Slovakia
Sven Trommler	Germany
Kjell Widlert	Sweden

International Master of the FIDE for Chess Compositions to:

Silvio Baier	Germany
Ofer Comay	Israel
Nicolas Dupont	France
Ralf Krätschmer	Germany
Vasil Markovtsy	Ukraine
Pavel Murashev	Russia

FIDE Master for Chess Compositions to:

Mikhail Khramtsevich	Belarus
Steffen Slumstrup Nielsen	Denmark
Árpád Rusz	Romania
Anatoly Skripnik	Russia
Vladislav Tarasyuk	Ukraine

International Grandmaster of the FIDE for Solving:

Piotr Górski	Poland
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International Master of the FIDE for Solving:

Aleksey Popov	Russia
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FIDE Solving Master to:

Mordechay Chovnik	Israel
Danila Moiseev	Russia

International Judge of the FIDE for Chess Compositions to:

Viktor Zaitsev	Belarus	(helpmates)
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All these titles were accepted by the assembly by acclamation.

8.6 Computer Matters Committee

Thomas Maeder reported that there were no topics of discussion this year and the committee did not meet.

8.7 Studies Committee

Yochanan Afek stepped down as spokesman and proposed Steffen Slumstrup Nielsen to take over the role.

Concerning Article 23-1 of the Codex:

If a published chess composition is found to be unsound, it loses its priority date unless a correction is published within three years after the publication of the unsoundness.

It has been found that this rule has not been taken into account by many study judges as they have often decided not to consider corrected studies for the award. The committee intends to make study judges aware of the clause.

Referring to the document *The FIDE Albums: Duties of Directors and Judges*, in particular the paragraph aimed at study judges from Rhodes 2007:

(a) judges in section D (endgame studies) are requested to allocate points to the studies as if they had been composed in the traditional manner before the advent of the computer into compositional chess & (b) studies are not to be regarded as anticipated by any position appearing in a computer-generated database.

The committee considered that this was now out-of-date and proposed a new wording:

If a study arrives, during the solution, to a position of 7 pieces or less; and especially if it starts with 7 pieces or less, the judge is advised to base his score on his evaluation of the human contribution to the EGTB position, and on the amount of comprehensibility of the study to humans.

This provoked some debate about how objective these criteria could be. How could the judge know the human contribution? What was comprehensible to one human might not be to another. It was decided to hold two votes - one on the 'human contribution' and another on the 'comprehensibility' part. In both votes there was a clear majority for acceptance, therefore the whole proposal was accepted.

Another proposal - that in order to avoid possible manipulation by the judges as well as subsequent accusations against the judges, in the study section of the WCCI at least, judges should not be allowed to participate with their own entries - did not receive an enthusiastic reception. But it was agreed it could be left on the table for future consideration.

Finally the assembly was asked to salute John Roycroft, the founder of EG and former spokesman of the study committee, on the occasion of his 90th birthday on 25th July.

8.8 Codex Committee

After last year's plea for delegates to join the Codex Committee, spokesman Kjell Widlert was pleased to welcome Bjørn Enemark and Brian Stephenson as members.

Andrew Buchanan had proposed already for the 2018 Congress two changes for consideration:

- In Footnote 12: The reference to the current rules for the game of chess should mention the Jan. 2018 version of the FIDE Laws, and no longer the obsolete 1996 version, so the reference should be replaced with

"Presently the rules defined in the 1 Jan 2018 version of the FIDE Laws are valid."

Also in Footnote 12:

"Relevant for compositional chess are articles 1 to 5"

should be replaced with

"... articles 1 to 5, 9.2 and 9.3".

The assembly accepted the proposals, as recommended by the Codex committee.

The Solving committee had asked about the status of original problems used in solving tourneys. The spokesman Kjell Widlert clarified the text in the 2018 minutes, pointing out that the Codex on one hand states that such problems are published and thereby receive a priority date (article 20, paragraph 2(b)), but on the other hand also states that such problems are eligible to compete in any composing tournament within the next two years (article 20, paragraph 3).

8.9 Youth Committee

The results of the 4th Youth Chess Composing Challenge were announced. The competition, directed by Julia Vysotska, was deemed to be a great success with an entry consisting of 54 problems by 25 composers from 9 countries. There were three sections: twomovers (judged by David Shire); helpmates (Michael McDowell) and studies (Steffen Slumstrup Nielsen).

The overall winner was Ilija Serafimović, Serbia (68 points) followed by Aleksei Abramenko, Russia (40 points) and Andrii Sergijenko, Ukraine (37 points). A detailed report and a nicely produced bulletin can be found on the WFCC web site.

The spokesman reported a number of measures aimed at young problemists.

Paz Einat's beginners' book is being translated into English, making it more accessible.

Andrey Selivanov is in contact with FIDE promoting various initiatives.

The possibility of arranging solving at the upcoming U18 chess championship in Tallinn was mentioned.

8.10 Application for admission by United Arab Emirates (UAE)

An application dated 24.7.2019 had been received from UAE (Annex 10). In the absence of the official delegate of UAE who couldn't be present, GM Marjan Kovačević was named as spokesman who would give a presentation.

In the presentation reference was made to many years of chess development in the UAE, and to recent forays into problem chess with the organisation of solving events culminating in the 2019 ISC attracting 113 solvers. Generous cash prizes had led to the participation of many solving and OTB grandmasters, while juniors were also well represented. The applicants also had an eye to the future, having contracted to support solving events for the next 10 years.

Asked about conditions for Israeli participants in UAE events, Mr Kovačević stated that he had been given assurances that there would be no restrictions.

However this presentation had been allowed as an exceptional case, as the statutes specifically stated: *The delegate nominated by the organisation must orally present the application at an Ordinary Meeting of the WFCC. Only then may a decision on the application be reached* (Annex II-3).

For this reason it was the opinion of some that a vote couldn't go ahead. It was then proposed that the statutes be changed to allow a proxy spokesman to deliver the presentation in the absence of the official delegate. The Presidium was tasked with considering this suggestion.

The Presidium reported back that the statutes couldn't be amended at such short notice and proposed that the UAE be given 'provisional membership', which would be made official once a delegate from the UAE had attended in person.

This led to a lively debate and in the end it became clear that there was no consensus around this idea and that amending the statutes was the only way forward.

A new version of Annex II-3 was drawn up:

The delegate from the applying country or another person nominated by the country must orally present the application at an Ordinary Meeting of the WFCC. Only then may a decision on the application be reached.

In a vote the amendment was passed: 17 for, 2 against, 3 abstentions.

After this the way was clear for a vote on the application, with the result: 17 for, 0 against, 5 abstentions.

Thus the application for membership of the United Arab Emirates was accepted.

9 Financial Report, Balance Sheet, Auditor's Report, Budget

The auditor, Bjørn Enemark confirmed that he had reviewed the documents and found them in order.

The treasurer Thomas Maeder presented to the assembly the financial report 2018-19 (Annex 11) with the budgets of 2018-19 and 2019-20 and the balance sheet of 30.06.2019 (Annex 12).

The financial report and budget were accepted unanimously.

10 Election of Auditors

The current auditor, Bjørn Enemark and a new reserve auditor, Joaquim Crusats were proposed and were accepted (no formal voting).

11 Future Meetings

For ECSC 2020, an application for Poltava, 24-26 April was submitted by Ukraine. Valery Kopyl gave a presentation noting the beauty of the city and its chess traditions. He also mentioned the competitive prices which would be available.

However two points of concern arose.

One was the problem of transport to Poltava which is more than 300 kilometres from Kiev. Trains were available taking 3 hours (or 5 hours for the 'slow' train). It might be possible to charter buses, but this would increase the cost, and people would have to wait until the buses were full before the journey started.

The other concern was that of security. This was especially case with the Russian delegation. Mr Kopyl replied that with new leadership in Ukraine relations with Russia were improving, and also there were no restrictions for Russian sportsmen. There was also a worry that if the situation in the east worsened, people might end up stranded in the country.

In consideration of these matters it was decided that, even though it was the only offer, it would be put to a vote.

A secret ballot went ahead with the result: 9 for, 9 against, 6 abstentions.

Another vote was taken: 11 for, 8 against, 5 abstentions.

So the city of Poltava was accepted to host the 2020 ECSC.

For WCCC/WCSC 2020, an invitation for the Island of Rhodes, 3-10 October, was presented by Greece. Despite some murmurings about the price of the hotel, in the absence of further invitations, the assembly decided to accept the invitation without a formal vote.

12 Any Other Business

- Peter Gvozdják observed that the weekend would be notable for the publication of the 7000th column by Honorary President Bedrich Formánek, which would appear in the Slovak publication *Pravda*.
- Yochanan Afek asked the delegates to congratulate master study composer Martin Minski who was celebrating his 50th birthday that very day!

13 Conclusion

The president thanked the delegates and the spokesmen of committees for their work during the week. He congratulated the Lithuanian organisers, headed by Vidmantas Satkus for providing excellent facilities and wonderful conditions, which contributed to a very successful congress. Then he declared the meeting closed.

Annex 1

Solvers' rating

The rating is an integer numerical value which shows the solving strength of a solver. A solver gains it by solving at two approved / rated tournaments.

A rating can be gained at the WCSC, ECSC, WCCC Open, or other tournaments which fulfil definite criteria. Ratings are calculated after each tournament. A rating list is published four times a year. It is calculated on the basis of the results of solving tournaments completed (including the report) by the end of March, June, September and December. If a tournament starts in one period and is finished in another period, the ratings of solvers are taken from the rating list valid at the start of the tournament, and the tournament is included in the period when it is finished. In case that at the same tournament different tables are produced (like one extra for juniors) ratings are calculated only for the major tournament.

The Solving Tournament Manager (STM) software is used for the issue of the quarterly rating lists.

The use of the STM software is recommended for all rated solving tournaments and it is mandatory for WCSC and ECSC, as well as for their open solving tournaments and for ISC (central controllers only).

Criteria for acceptability of tournaments at which ratings and norms can be gained

R1	The tournaments should be announced and reported to the responsible WFCC representative (committee) at least two months beforehand but not at all later than the day before the tournament takes place.
R2	At least 10 solvers (15 rated solvers from at least 3 countries for gaining norms) with a full rating must compete in the tournament.
R3	The selected problems should be originals or originally published problems more than 5 calendar years before the tournament. The selected problems should show a clear theme and a good level of quality and difficulty and should represent different styles.
R4	There should be at least 12 problems of different types to solve.
R5	Problems for solving can be chosen from seven groups: twomovers, threemovers, moremovers, endgames, helpmates, selfmates and fairy chess problems.
R6	At the tournament at least 5 groups must be represented.
R7	No group can be represented by more than 3 problems.
R8	The tournament may be divided into several rounds and/or days.
R9	The correct and complete solution or cook of all problems scores 5 points each. Points for partly solved problems can only have a maximum of two decimal places.
R10	When fairy problems are included at the tournament it is recommended necessary that the corresponding fairy conditions are announced at least two months beforehand. This is obligatory for the WCCC/ECSC Open and it must be announced on the WFCC site and on the WCCC/ECSC organiser's website.

R11	All tournament documentation (name of tournament director, diagrams of problems, solutions, complete list with detailed results per problem and possible complaints, etc.) should be sent to the responsible WFCC representative (committee) within 5 days (10 days for multiple-locations tournaments) after the end of the competition.
R12	In addition the solving sheets have to be kept by the tournament director for at least 4 weeks to enable probing possible issues.

The representative (committee) has the right to confirm or not the acceptability of the tournament and determines the tournament coefficient. The final decision is approved by the WFCC.

Criteria for gaining norms

N1	At least 15 rated solvers from at least 3 countries with a full rating must compete in the tournament.
N2	Norms for the titles International Solving Grandmaster of the FIDE (GM), International Solving Master of the FIDE (IM), FIDE Solving Master (FM) can be gained in a tournament if at least 5 solvers with current rating of 2550 / 2450 / 2350 respectively participate in it.
N3	Norms cannot be gained at tournaments which take place in multiple locations.
N4	A solver obtains a GM / IM / FM norm when he/she achieves a performance rating of at least 2650 / 2550 / 2450. The solver must be placed within the number of solvers with the qualifying rating of 2550 / 2450 / 2350 (i.e. at least sixth place when there are 6 solvers with the qualifying rating of 2550 / 2450 / 2350).

Criteria for gaining titles

T1	International Solving Grandmaster of the FIDE: A solver must gain a norm 3 times (at least once at the WCSC or ECSC) and achieve a rating of 2550 .
T2	International Solving Master of the FIDE: A solver must gain a norm twice and achieve a rating of 2450 .
T3	FIDE Solving Master: A solver must gain a norm twice and achieve a rating of 2350 .
T4	The obligatory rating may be achieved anytime (i.e. at any official rating list or as a current rating after a tournament).

(This version of the criteria was accepted at the PCCC Congress in Wageningen 2006. A small change in the criteria was accepted in Rhodes 2007. Further changes were accepted in Crete 2010 and Berne 2014.)

Rules for rating calculation

The basis for calculating ratings at a solving tournament is the average of ratings of all solvers with ratings (*AveRat*) and the average of achieved results of those solvers (*AveRes*).

AveRat = average rating of all solvers with ratings (subtracting by 1600)

AveRes = average result of all solvers with ratings

A rating for a solver without a rating:

It is calculated as a **performance rating** (*PerfRat*), i.e. a temporary rating achieved by a solver at a tournament upon the formula:

$$PerfRat = AveRat \times Res / AveRes$$

Res = result of a solver achieved at a tournament

Solver's first rating is called half-rating. At his next tournament he gets another half-rating. The average of all half-ratings is calculated and put to the rating list.

Change of a rating for a solver with rating:

The expected result (*ExpRes*) is calculated for all solvers with ratings upon the formula:

$$ExpRes = AveRes \times Rat / AveRat$$

Rat = rating of a solver from the last rating list

The expected result might exceed 100% of the winner's result. In such a case the corrections (*CorrExpRes* and *CorrPerfRat*) are made upon the formulas:

$$CorrExpRes = AveRes + (ExpRes - AveRes) \times (MaxRes - AveRes) / (MaxExpRes - AveRes)$$

CorrExpRes = corrected expected result (cannot exceed 100% of the winner's result)

MaxRes = result of the winner

MaxExpRes = the highest expected result before correction (higher than the winner's result)

CorrPerfRat = $AveRat + (PerfRat - AveRat) / (MaxPerfRat - AveRat) \times (MaxRes \times MaxRat / MaxCorrExpRes - AveRat)$

CorrPerfRat = corrected performance rating

MaxRat = the highest solver's rating

MaxPerfRat = performance rating of the winner

MaxCorrExpRes = the highest corrected expected result

Change of rating (*ChOfRat*) is calculated from the difference between the expected result and the achieved result upon the formula:

$$ChOfRat = KT \times (Res - ExpRes)$$

or in a case of correction:

$$ChOfRat = KT \times (Res - CorrExpRes)$$

KT = tournament coefficient (from 1 to 4)

If the problems at the tournament are not given 5 points each the *KT* is corrected upon the formula:

$$CorrKT = KT \times 5 \times N / AbsMaxRes$$

CorrKT = corrected tournament coefficient

N = number of problems at the tournament

AbsMaxRes = theoretical *MaxRes* at the tournament

New rating is calculated upon the formula:

$$NewRat = Rat + ChOfRat$$

All calculations are made to the second decimal place. Ratings are published as integers. For publishing use the ratings are increased by 1600.

After five years of non-participation in rated tournaments, a solver will be expelled from the rating (half-rating) list. Should he participate in the future, his original rating (but not half-rating) will be accepted.

Ratings are calculated after each tournament. An updated rating list is published four times a year (at 1st January, 1st April, 1st July and 1st October).

ANNEX

Tournament coefficient

Category	Coefficient	Criteria for tournament
A frame for coefficients for tournaments organised according to the WCSC rules:		
W40	4	WCSC, ECSC
W30	3	WCSC-type tournament for norms
W25	2.5	participation of at least 5 solvers with a rating of 2300 or higher
W20	2	participation of at least 5 solvers with a rating of 2200 or higher
W15	1.5	participation of at least 5 solvers with a rating of 2100 or higher
W10	1	Other tournaments organised according to the WCSC/ECSC rules
A frame for coefficients for tournaments organised according to other rules:		
O20	2	WCCC and ECSC Open
O15	1.5	Participation of at least 15 rated solvers from at least three different countries and with at least 5 solvers with a rating of 2350 or higher
O10	1	Other tournaments

The representative (committee) has the right to confirm or not the acceptability of the tournament and determines the tournament coefficient.

This version of the rules was accepted at the PCCC Congress in Wageningen 2006. A change in the publication of the rating list was accepted in Rhodes 2007.

A change regarding negative *NewRat* was accepted in Rio 2009.

Changes of the criteria for the acceptability of tournaments at which ratings and norms can be gained were accepted in Berne 2014, in Dresden 2017 and in Ohrid 2018.

Rules for the World Solving Cup (WSC)

- ### Categories of tournaments and distribution of WSC points:

[illegible]

Annex 3

Rules for the International Solving Contest (ISC)

1. **Event:** The ISC is a solving competition appointed by the WFCC for individual solvers taking place on multiple locations worldwide on a Sunday at the end of January concurrently in all participating countries.
2. **Organisation:** at the WCCC of the preceding year central controller(s) are appointed by the WFCC delegates who will take the overall responsibility of the contest.
3. **Admittance:** For the admittance of each participating place a reliable local controller with email address has to be appointed for the responsibility of organising the local tournament, preferably by the local controller of the respective country; otherwise the central controllers decide about the acceptance of local controllers.
There is no limit for the amount of local competitions and multiple places per country are possible. Solvers are admitted in any local competitions, also in other countries.
4. **Categories:** The competition comprises three solver categories:
 - **Category 1** for experienced solvers, but open for all solvers
 - **Category 2** for inexperienced solvers with no rating or with an active, non-active or half-rating of less than ~~1700~~ 2000
 - **Category 3** for youth not older than 13 years in the year of the competitionSeparate results are recorded for youth, females and seniors. For Category 1 (and 2) only results of solvers will be rated. However, for all solvers no norms for titles are possible.
5. **Begin:** The start of the contest should be at 11 a.m. CET (Central European Time) in all countries. Central controllers can allow a different begin of the contest for Asia and the Americas and an earlier or later begin of one hour at most for all other countries.
6. **Rounds:** The rounds of the contest last two hours for all categories.
There are two rounds for category 1 and 2 with a break of at least half an hour with a maximum of one and a half hour between the two rounds.
For category 3 there is one round only.
7. **Modus:**
 - ~~Category 1:~~ for each round a 2#, 3#, n#, eg, h# and s#
 - ~~Category 2: in first for each~~ round two 2# and one 3#, n#, ~~and eg~~ and s# and in ~~one second~~ round one #2, two 3# and one n#, eg and h#
~~and in the other round a s#~~
 - **Category 3:** four 2#, a 3# and an eg
8. **Rules and Appeals:** General applicable solving rules of the WCSC/ECSC apply accordingly. Appeals by solvers have to be sent to the central controllers who will decide in the first instance. In case of disagreement a 3 man committee with members of the WFCC Solving Committee will be appointed for the final decision.
9. **Tools:** (technical tools used by central and local controllers)
All communication between central and local controllers by **email**
~~Entry of results by local controllers on MatPlus website: <http://www.matplus.net/>~~
Usage of **WFCC Solving Tournament Manager** by all controllers highly recommended for reducing the efforts of all involved parties
The results will be transferred automatically to the MatPlus-website where they can be seen by all solvers.
10. **Timeline:** (specification of latest deadlines in days - ISC = date of contest)
 - registration of local controllers until the end of the previous year
 - ~~registration at MatPlus website by local controllers: ISC-14~~
 - distribution of complete documentation by central to local controllers: ISC-7
 - top 3 results of Cat. 1 sent by email to central controllers: ISC (Sunday evening)
 - ~~entry of preliminary results of Cat. 1 at MatPlus by local controllers: ISC+1—ISC+2~~
 - mailing of all results to central controllers: ISC+~~3~~ +2
 - ~~entry of preliminary results of Cat. 2 & 3 at MatPlus website by local controllers: ISC+5~~
 - mailing of scanned solving sheets to central controllers: ISC+~~10~~ 8

Formatiert: Standard, Keine Aufzählungen oder Nummerierungen

Formatiert: Standard, Einzug: Links: 0 cm, Erste Zeile: 0 cm

- publication of preliminary results by central controllers: ISC+21
- possible appeals by solvers: ISC+28
- publication of final results: ISC+35
- prize giving and distribution of certificates at next WCCC

Annex

PDF Documents local controllers receive from central controllers by email

- One sheet with diagrams of the problems for each round
- One solving sheet for writing the solutions by solvers for each round
- One sheet with diagrams and solutions of the problems for each round
- A form for summarising the results

Tasks of the local controllers

- Organisation of the local contest including reservation of suitable tournament venue
- Announcement in local publications (magazines, Internet websites etc.)
- Invitation of local solvers by mail or email
- Reproduction of various sheets to be distributed to solvers during contest
- Checking of solutions and point giving on solving sheets
- Email of preliminary results of 3 top solvers of Category 1 to central controllers
- ~~Entry of preliminary results on special MatPlus website~~
- Email of results to central controllers
- Email of scanned solving sheets to central controllers
- Keeping of original solving sheets to ensure back-up
- Using of WFCC Solving Tournament Manager is highly recommended!

Tasks of the central controllers

- Selection of problems according to the rules for WCSC/ECSC and creation of the whole documentation necessary for the contest; especially diagrams at least for category 3 with coordinates (digits and letters) and rules for writing the solutions (like "twomovers: only the key-move" etc.)
- Creation of the invitation document, including distribution to WFCC delegates and previous local controllers
- ~~Acceptance and registration of announced persons as local controllers on the MatPlus website~~
- Distribution of the complete documentation to local controllers
- Supervision of the overall contest
- Checking of the markings of local controllers
- Decision on possible appeals by solvers
- Distribution of final results to WFCC delegates, local controllers and the WFCC web publisher

WORLD (EUROPEAN) CHESS SOLVING CHAMPIONSHIP (WCSC/ECSC)

Rules

1.1. The WCSC (ECSC) is a competition for national teams and individual solvers.

1.2. It consists of 6 rounds over two days, with 3 rounds each day according to the following table:

Round 1	3 twomovers	20 minutes solving time
Round 2	3 threemovers	60 minutes solving time
Round 3	3 endgames	100 minutes solving time
Round 4	3 helpmates (h#2, h#3, h# >3)	50 minutes solving time
Round 5	3 moremovers (at least one 4# and one >4#)	80 minutes solving time
Round 6	3 selfmates (s#2, s#3, s# >3)	50 minutes solving time

Round 4 and Round 6 may be exchanged. The breaks between rounds are at least 15 minutes.

2.1. The WCSC (ECSC) is organised by a country which is a member of the FIDE and has been appointed by the WFCC.

2.2. WCSC (ECSC) is open to all members of the FIDE ~~(ECU)~~. But solvers outside of the ECU are not considered for the team competition and also not for the individual European championship results, only for the overall individual results.

2.3. The WCSC (ECSC) is an official team World (European) championship if teams of at least 7 countries participate. It is an official individual World (European) championship if at least 30 solvers with a full rating from at least 10 countries participate. For juniors (up to 23 years in the year of the event), women and seniors (from 60 years in the year of the event) required numbers are 10 solvers with at least a half rating from at least 5 different countries.

3.1. The organising country nominates the Director of the WCSC (ECSC), if possible, before the announcement of the tournament. It is recommended that the Director should have a title FIDE Solving Judge or he should have experience as a director / judge of at least three rated solving tournaments.

3.2. The organising country has to nominate an Assistant Director to represent the Director in case he is unable to attend the WCSC (ECSC).

3.3. The Director is responsible for the selection of problems to be solved. He makes the diagram copies for the tournament. It is his responsibility to ensure that the solvers do not know the selection of problems.

4.1. The teams consist of three (four at ECSC) solvers and the team-leader who may be one of the solvers. Teams consisting of only two (two or three at ECSC) solvers are also permitted. The members of the teams simultaneously compete in the individual championship.

4.2. All countries are entitled to enter one team, the organising country two teams. A country participating with a team(s) is allowed to nominate one further solver for the individual championship.

4.3. A country may nominate two more solvers from extra categories (juniors, women, seniors) out of this quota. For the junior's / women's / senior's championship juniors / women / seniors from the regular national quota compete as well.

4.4. A country not participating with a team may send one (one or two at ECSC) solver(s) for the individual championship.

4.5. The top 50 solvers / top 15 women / top 15 juniors of the current or the preceding rating list are entitled to participate in the individual WCSC (ECSC) including its respective special categories.

5.1. A country and individuals mentioned in point 4.5 must notify the organiser of their intention to participate not later than three months before the tournament; unless in the organiser's announcement a later date is given.

5.2. The rules for the eligibility of participating solvers (whether team members or individual nominees) shall be the same as for FIDE over-the-board events.

5.3. Each country must notify the names of all solvers participating on its behalf in writing to the Director or the person nominated for this purpose by the Director or WFCC not less than 24 hours before the tournament starts. If required, the notification must include all documents according to the FIDE rules for establishing the eligibility of the participants.

5.4. The WFCC or the person so nominated is responsible for determining the eligibility of participants.

5.5. Teams and/or solvers may be admitted at a later time at the discretion of the Director.

6.1. The problems to be solved should be originals, or, alternatively, little known problems published more than 5 calendar years before the tournament.

6.2. The selected problems should show a clear theme and a good level of quality and difficulty. It is recommended that in every round, the three problems should represent different styles.

6.3. Fairy conditions and retro problems are not allowed. The positions should be legal. All problems should have only one solution, except in the helpmate round when more single solutions are specified. The problems should be computer tested as far as possible.

7.1. The problems to be solved must be presented on printed diagrams.

7.2. A solver may use the chess board(s) and men made available by the organiser, or his own set(s). The use of all electronic or technological aids which can help in solving is forbidden as

well as any other kind of unfair behaviour. The Director's rights and duties are to prevent any irregularities and to penalize them if necessary.

7.3. A solver must write the solutions only on the sheet provided by the Director.

8. The solutions are to be written in algebraic notation in the following way:

a) in direct mate problems: all moves in all variations of full length which defend against the threat, including the threat if it is of full length, except the last move of Black and the mating move (i.e. in twomovers only the key; in threemovers all three-move variations, including the full length threat, up to the second white move, etc.). **If there is no threat at all or an existing threat of full length is not written, all variations of full length are to be given.**

b) in selfmate problems: all moves except the mating move in all variations of full length which defend against the threat, including the threat if it is of full length. If there is no threat at all or an existing threat of full length is not written, all variations of full length are to be given.

c) in helpmate problems: all moves.

d) in studies: all moves up to an obvious win or draw.

9.1. In helpmate(s) for which more than one single solution is indicated the solver has to give all requested single solutions for a complete solution. In all other problems and studies only one solution is to be given.

9.2. If a solver believes he has found a cook, he may give it instead of the solution. In this case, he has to give the complete moves of the cook according to point 8. The correct and complete solution or cook of a problem scores 5 points.

9.3. An incomplete solution scores fewer points. Incorrect or incomplete variations or single solutions score 0 (zero) points. If more than the required number of solutions for a particular problem is written, it is enough that one of the solutions is incorrect for the solver to score 0 (zero) points for this problem. If more than one continuation following a defence (or more than one threat) is written, it is enough that one of them is incorrect for the solver to score 0 (zero) points for this variation (threat).

9.4. The Director must determine the distribution of points for a solution (i.e. for different variations, moves or single solutions) before the tournament starts. For a helpmate(s) with more than one solution the distribution of points should be indicated on the solving sheet.

9.5. If a problem has no solution, 0 (zero) points are awarded for this problem and all solvers get the full time score in this round.

9.6. Retro problems and problems with fairy conditions (see 6.3.) are treated like problems with no solution. A problem with an illegal position is treated like one with a legal position.

9.7. If a move is written incorrectly, unclear or ambiguously, this variation or single solution is regarded as incorrect. If, however, the Director (or the jury, pt 13.5) is sure that the correct move was intended, this variation or single solution must be regarded as correct.

10.1. During the solving a solver may leave the solving room only with a permission of the Director and accompanied by a controller.

10.2. When a solver hands over the solving sheet a controller immediately writes the elapsed time on the solver's solving sheet. Elapsed time is rounded up in minutes (i.e. when the last minute starts solvers get full time). After handing the solving sheet, the solver has no right to make any change to the solutions. He should leave the room and may not return until the round is ended.

10.3. The Director announces 10 minutes left and the last minute in each round. After the announcement of the last minute all solvers remain sitting to the end of the round. When the end is declared they stop writing and wait until the controllers collect all the solving sheets.

11.1. For the team result in each round, the scores of the two (three at ECSC) best solvers of a team for this round are taken in consideration. The points of all rounds will be totalled, as well as the respective solving time (in minutes). At ECSC for a team with only two members the result of the third member is 0 (zero) points and full time in all rounds.

11.2. For the individual score, the points a solver achieves in the different rounds will be totalled, as well as the solving time.

11.3. A solver with 0 (zero) points in a round scores the full time for this round.

11.4. The number of points determines the ranking. In the event of a tie on points, the solver or team with the shorter total solving time will be ranked higher.

12.1. Participants must be informed of the official solutions with a distribution of points of a round immediately after the end of that round. The results of the rounds must be announced in written form as soon as possible.

12.2. If a problem has proved to be incorrect (cooks, duals, no solution) this must be announced as soon as possible including the respective distribution of points.

13.1. The Director has to publish his reports daily as soon as possible. Report after 10 pm is treated like at 8 am (on the following day). He should announce in advance when the report is to be published.

13.2. Protests against any announcement must reach the Director in written form not later than one hour after this announcement. He is allowed to accept protests out of time. If the Director cannot be found, a protest should be handed to any of his assistants or a protest remark is to be made on the announcement board. Protests have to be given by the team-leaders or by an individual solver.

13.3. The Director's task is to deal with such protests and to settle disputes. His decision, along with his argument, is to be given in written form. He has to ensure that a solution given by a solver only can be seen by this solver himself, or by the leader or other members of his team.

13.4. Objections to any decision by the Director must be made in writing and must reach the Director within one hour of the announcement of the decision.

13.5. Such objections shall be dealt with by a jury consisting of three neutral persons nominated by the WFCC or by the team-leaders. The majority decision of the jury (in written form with the argument) is final.

14. These Rules should be published on the official announcement board at least 24 hours before the start of the first round as well as a Director's timetable for the complete tournament (registration, start of the rounds, preliminary results, timetable for protests, final results, prize giving, etc.).

This version of the Rules was accepted at the WFCC Congress in Belgrade 2016.

Recommendations / explanations of the WFCC:

Ad. 1.2. For helpmates h#1.5 (or h#2 - White begins) is considered as h#2 and h#2.5 (or h#3 - White begins) as h#3. (Vilnius 2019)

Ad. 4.3. If a country is represented with only two solvers at the ECSC they can decide if they compete as a team. (Crete 2010)

Ad 6.2. Studies with just one line and a clear conclusion are preferable. (Moscow 2003)

Helpmates: Multiple solutions are preferable to twins. Some thematic relationship between the single solutions, and a reasonable number of single solutions altogether in a round (max. ~~seven~~nine), are recommended. (Halkidiki 2004 and Vilnius 2019)

Ad. 7.2. A director may use yellow and red cards for noticed irregularities putting them on the solver's table. (Kobe 2012)

Ad. 7.3. Solvers should be allowed to write their names on the backside of solving sheets. (Kobe 2012)

Ad. 9.4. It is recommended that only the key move (except in direct twomovers) doesn't score, and that variations in one problem should be of equal worth.

Points in studies should be given only for white moves. (Crete 2010)

Ad. 9.7. Judges can determine a possible correctness of such moves by following the further effect(s) of written move(s) or by the presence/absence of signs for capture, check, mate etc. normally used by a solver. (Crete 2010)

The Director should use common sense, especially in cases when it is not specified which of two pieces of the same kind moves to the specific square. (Kobe 2012)

WCCC Vilnius 2019

Proposal of the solving committee for a new rating system

1. Introduction

The current rating system used for solving tournaments is a good working tool. In recent years some defects were noticed and last year in Ohrid an initiative was taken to improve or even to replace the current system. An informal “rating sub committee” with members of the solving committee and solvers with mathematical background was established under the guidance of Tomáš Peitl. He formed a Google group (chess-solving-rating@googlegroups.com) which was very active in the past year. After a lot of think work, testing and discussion, the rating sub committee presented the following proposal.

2. The problems with the old system

The most obvious problem with the old system was that top solvers received almost no gain for top performances in tournaments often even after they won a tournament. The same issue was visible on the other side of the rating list: the weaker solvers received too much points. Another issue was the deflation of rating points among top solvers.

3. The theoretical solution

In the attached paper Tomáš Peitl explains the fundamentals of the new system. He proposes a system which is based on linear regression. He developed several versions, and after a lot of testing and simulations (with thanks to Miodrag Mladenović who implemented the new formulas already in the Solving Tournament Manager, and Axel Steinbrink, Roland Ott, Marek Kolčák, Harri Hurme and Bojan Vučković who gave a lot of useful feedback), the version “TP-D” was preferred. All the technical details of this version are explained in the additional document.

4. The new system

The new system is basically an improved version of the old system. In this way nothing changes for the solver: the rating is still automatic calculated by the Solving Tournament Manager. Most of the solvers will barely notice any change. The thresholds for norms remain the same as well as the rules for inclusion of new solvers. But top solvers will indeed gain more points when they have achieved top performances.

5. The future

The new system can replace the old system and start immediately after the congress. All the necessary software is ready. There are no changes in past ratings, results or norms. The rating sub committee will remain active next year and will follow up the new system closely. If necessary, small corrections are possible in the future. The rating committee will provide an important evaluation at the congress of 2020. Still, the search for even better and/or other rating systems remains open.

Attachments

- The final version of Tomáš’ text about TP-D.
- Several examples of tournament tables and rating lists which illustrates the different results between the old and the proposed new rating system. The Excel document ([Rating_1_7_2019.xls](#)) shows how the current rating list would look if the newly proposed system had been used from 1.10.2015.

Guidelines for directors of rated solving tournaments

Although the rules for rated solving tournaments are clear and easy accessible at the website of WFCC, a lot of tournament directors still violate the rules. Sometimes these mistakes are small and unimportant, but other times they can be very important. Some examples: incorrect studies although already known as incorrect in the database of van der Heijden; too many solutions in H#; points for first moves of orthodox problems other than #2 and selfmates, sometimes even for problems with a threat; many local and recent problems, etc. To ensure that all rated tournaments are run under the same conditions, the solving committee has produced this text with the most essential guidelines. There are no new rules in this text (except those which have been accepted in Vilnius). These guidelines are also to the benefit of the solvers, who can refer to them when they notice an irregularity.

1. Stick to the rules

For starters: take a good look at the latest rules on the website of WFCC (<https://www.wfcc.ch/>). In fact, everything is published there!

2. Announcement

The detailed announcement must be forwarded to the responsible person of the rating system, and if necessary, the responsible director of the World Solving Cup, at least two months before the start of the tournament. This announcement includes all details: dates, venue, program, name of the director, information about the used fairy problems, ... If no information about the solving tournament is sent at least a week before the tournament the tournament will not be rated and no solving norms will be possible for solvers.

3. Preparation work of the director

The director is responsible for the selection of the problems: he can do himself, or let it done by someone else, or he can work in cooperation with other person(s). In any case, he has the final responsibility for the selection. For more details about the selection, see number 6.

The director must decide the points distribution for every problem. For more details, see number 7.

The director must prepare all the necessary documents for the solvers: solving sheets, diagrams, solutions, ...

The use of Solving Tournament Manager is obligatory. In case the director can't use the Solving Tournament Manager (no computer, no experience with the software, ...), he must inform the responsible of the rating system in advance. In this case a solution can be worked out.

In case the director would like to experiment (selection of problems, tournament system, number of problems, ...) he must inform the spokesman of the solving committee in advance. The solving committee will advise as soon as possible if the suggested experiments are acceptable.

Recommendations for diagrams and solutions:

Diagrams should show the stipulation in a common form (H#2, S#3, +, = etc.), the number of white and black pieces and they should be numbered with Arabic numbers (e.g. 1-18 for WCSC type tournaments, not A-R)

Solution sheets should be provided with the source of the problems and at least in one version with Latin letters.

4. The tournament

The rules of the tournament are well covered in the rules for the World (European) Chess Solving Championship (WCSC/ECSC) in chapter 7 to 14 (<https://www.wfcc.ch/1999-2012/wcsc/>).

5. After the tournament

The director must as soon as possible (maximum 5 days - 10 days for multiple-locations tournaments like the ISC) transmit all the necessary information to the responsible of the rating system and/or the responsible of the World Solving Cup: documents with diagrams, with solutions, and the Solving Tournament Manager files.

These responsables will check and publish these documents as soon as possible.

The rating will automatically be calculated by the Solving Tournament Manager. Also all the information about category, norms, difficulty of problems, etc. will be done by the Solving Tournament Manager.

6. Selection of problems

All the problems and studies must be:

- originals
- or published problems at least five years old
- or modified published problems (correction, versions,) at least five years old. Mirroring is not recommended as solvers easily recognise them if they know the original problem.
- not be used in previous rated solving tournaments (especially WCSC, ECSC and ISC). Check the website of the W FCC and the Solving Tournament Database.

The director must use common sense in his selection, and must avoid problems which could be known by the solvers (compositions of local composers and magazines, well known problems from FIDE-Albums,). A good mix of styles, themes, composers, ... is advisable.

It is recommendable that at least one problem is quite easy to avoid many possibly frustrated solvers with 0 total points; but the majority of problems shouldn't be too easy to enable a good differentiation of the results for the solvers. On the other hand no problem should be so difficult that chances are very high that no solver can solve it.

All the problems (orthodox, H# and S#) must be computer checked. To ensure correct diagrams it is highly recommended that diagrams are copied electronically to the problem sheets to avoid errors by manually transferring them on the diagram sheet distributed to solvers.

For solutions of a single problem more than 10 lines should be necessary to write.

The director must take care with the **selection of studies**:

- check in the database of Harold van der Heijden if the study is known to be incorrect; if the director does not has licensed the database, he must take contact with the spokesman of the solving committee or ask the help of someone who has the licensed database.
- check the study with computer engines
- avoid incomprehensible database lines
- the study should have a clear main line, without obscure side lines, and should not be too long

Helpmates:

In a WCSC-tournament the maximum for total solutions is 9. In an Open tournament the maximum for total solutions is “number of H# \times 3”. For example: in a Open tournament with two helpmates, the maximum for total number of solutions is 6.

In a WCSC tournament there must be a H#2, a H#3 and a longer H#.

A small remark: H#1,5 is the same as a H#2; H#2,5 is the same as a H#3, etc.

Moremovers:

In a WCSC tournament there must be at least one #4 and at least one longer than #4.

Selfmates:

In a WCSC tournament there must be a S#2, a S#3 and a longer S#. It is advisable to use a S#4 in stead of a very difficult longer S#.

Fairy:

In this context, a fairy problem is every sort of problem which is not commonly used in solving tournaments (orthodox, helpmate and selfmate). If the director uses a fairy problem (or problems), he must announce the condition in advance. Examples: “reflexmate”, “circe”, “andernach”, “nightrider”, “shortest proof game”, etc.

7. Points’ distribution

No points for key moves of orthodox problems (except 2#) and selfmates can be given, especially when threats are in place, but also with Zugzwang.

Points can only be given to full line variations of problems. Example: in a #5 only lines till the 4th move before the mating move can get points. It is not possible to give points “halfway” the solution. For studies only points for WHITE moves of the MAIN line can be given, NO points for black moves and moves of side lines!

The director must decide the points’ distribution for every problem. To ensure consistency, the solving committee will decide in Vilnius about a standard system of points distribution per problem. See attached pdf with some proposals.

8. After the tournament

The solvers can’t be punished for violations of the rules by the tournament director. It is never the intention to bully the tournament directors (after all, they have to do a lot of work). But two things can be done:

- a) when the point distribution of one or more problems is unacceptable, the tournament director will be asked to check the solutions, and if necessary change the points (with the consequence that the final ranking might change) before the tournament is accepted for rating calculation and solving norms.
- b) if the rules are violated in an unacceptable way, the solving committee can decide to refuse this tournament director for rating points calculation of directed tournaments in the next year (a one year ban).

Annex 7

Topics suggested by Marjan Kovačević for the consideration of solving committee

Do recent selections of problems correspond with the main aims of solving events?

If we agree the primary aim of solving competitions should be to promote the Art of chess composition, it is logical to offer quality and beauty to the solvers. And not only to the beginners (especially important), but to the vast majority, whose main pleasure is to discover beautiful ideas, and appreciate them even after failing to solve.

WCSC/ECSC Rules, point 6.2, says: “The selected problems should show **a clear theme and a good level of quality** and difficulty.” Do we follow our rules?

Helpmates and the longest selfmates

Instead of perfectly matching multiphase concepts as models of a good h#2-3, we often get poorly related solutions, some even added to fool the solver. Instead of a single-line h#n with tricky and pointed combination that win recent tourneys, we face boring constructions of mating nets without any clear theme – multiplied in different ways. The average S#6 and S#7, as recently presented, don't promote the beauty of selfmate and deprive solver from pleasure. Presenting the true beauty of h# and S# is even more important in Open tourneys, where newcomers should be attracted to these two genres, usually unknown to chess players.

Endgames needing computer analyzes

Endgames have always been the hardest to select. First it was because there was no computer to check the soundness, and now because of computer-approved-soundness. As with the most difficult h#s and S#s, that could hardly be made correct without computer, we should follow the rule: **„A man without computer should solve only what a man without computer was able to compose”**.

The imbalance of six WCSC rounds

Another main aim should be objectivity of competition, including a balance of difficulty over all 6 genres. Since we have precise statistics of difficulty, it has become obvious that h#s, S#s, and endgames always get to the Top 5 in difficulty.

The total number of h# solutions keeps exceeding recommendation of „maximum 7” (recent average being around 9). The length of h#n has grown from 4 to 6-7 moves, multiplied by more solutions, or twins (also not recommended).

Since the length of S#n has jumped from 4 to 6-7 moves, overall results have been disastrous. In the last eight official competitions inside WCSC/ECSC average points on S#6/7 were: **0.00, 0.02** (only 1 solver got 2 points), **0.03** (1 solver got 2.5 points), **0.06, 0.12, 0.21, 0.48** and **1.21**.

Should h#s, S#s and endgames become so much more difficult than the other three rounds?

Conclusion and suggestion

Helpmates should stick to the rules of quality and harmony, with h#n being either a long single-liner, or not longer than 4 moves. S#n should go back to the „human measure” of 4 moves, and only those endgames that could be checked without a computer should be selected.

For a better balance, more of difficulty should be shifted to #2, #3 and #n.

To the WCCI subcommittee

From Anatoly Slesarenko

A. Extract from the Codex.

Article 24 – Anticipation

(1) A chess composition is anticipated if there is **an identical** composition which has an earlier priority date. The anticipated chess composition is not eligible for any award.

(2) Chess compositions which are partly anticipated are eligible for awards: their merit is a matter for the judge, who should take account of the degree of anticipation.

B. Extract from the WCCI announcement.

8...Compositions which are sound and not anticipated should receive at least 0.5 points. The judges must explain their reason(s) for giving a score of 0 points to any composition.

B. Mr's Mosiashvili remarks on my problem №1 from the 5th FIDE World Cup award where he served as judge

"...Themes: Burmistrov, Mochalkin, Zagoruiko, 3-fold Barnes, and also 3-fold Dombrovskis in defence form! The most powerful entry of the competition concerning contents!

*There are two major ways of chess composition development: composing totally new works and expanding the contents of earlier composed ones. The author of this twomover chose the second way and achieved great success! **The scheme is familiar** mainly by the works of A. Slesarenko. The author of this problem managed to expand and deepen the contents of the earlier works. As a result we see a large-scale composition. The form of the problem is also good (taking into account the task character of the idea the technical pin of the black bishop does not cause irritation)"*

My application to the commission is as follows.

1. I kindly ask the commission members take into account the following aspects.

A) My problem from the book "Exploring New Combinations" was meant as just a scheme. I regarded it as the starting point in working on the new idea. The fact that it was actually only a scheme is confirmed by the fact that I had not send it to any tourney. The problem/scheme contains only Burmistrov combination and nothing more! No Zagoruiko, no Mochalkin combination, not mentioning evident differences in tactical elements and thematical pieces. Therefore, it is illegal to refer to clause (1) of Article 24 of the Codex by Mr. Mosashvili, since it is totally absurd to regard positions "identical".

B) In accordance with clause (2) of Article 24 of the Codex, the composition (even if it is recognized as partially anticipated) is eligible for awards, and in accordance with the

requirements of clause 8 of the Announcement of the WCCI should receive at least 0.5 points. Mr. Mosishvili ignored this regulations.

C) In accordance with the comments of Mr. Mosiashvili within the award of the 5th FIDE Cup concerning my problem №1, it is clear that he was aware that the Le Grand scheme in it is familiar. On the contrary, he justfully welcomed the expansion and deepening of the contents (Mochalkin combination was added, the complex was extended to Zagoruiko) as one of the way of chess composition development. This once again confirms that Mr. Mosiashvili abused the authority of the judge concerning clause (1) Article 24 by unjustifiably assigning the problem 0 mark.

2. Considering everything stated above in paragraph 1 and due to the full disclosure of the results leading to impossibility of demanding from Mr. Mosiashvili to award the composition any mark other than 0

I appeal to the commission with following:

A) Because of unclear motives of Mr's Mosiashvili behaviour concerning my problem №1, evident abuse of authority as a judge on his part which is revealed by ignorance of Codex and WCCI regulations, I plead for dismissal of Mr. Mosiashvili from set of judges of my entry №1 and recalculate the score for it taking into account the points of 4 remaining judges (the maximum and minimum values are discarded, the sum of the remaining 2 is multiplied by 1.5). After recalculating score of this single problem please reconsider the WCCI results in the twomover section.

B) Taking into account Mr's Mosiashvili abusing acting as a judge exclude him from judging of major international competitions in future.

C) Discuss the setting up barriers for spreading fake anticipations regarding them as potential pressure on judges or ill cooperation with them. Take measures to the authors of such messages up to expelling them from participation in the championships and serving as judges furthermore.

Anatoly Slesarenko,



Dubna 21.06.2019

**To Harry Fougiaxis WFCC President
and to FIDE-Album Committee**

We suggest a change in the FIDE-Album judging phase which shows several advantages in comparison to the current system.

Currently, the judges start their work after the end of the relevant Album period: we propose instead that **the judging process should start as soon as possible**, e.g. immediately after the first year of the three-year period (see the following suggested schedule, whose timelines are just indicative and the FIDE Album committee may adjust accordingly).

Example of schedule for FIDE-Album 2019-21

✓ Closing date for submission of entries for year 2019:	April 1st 2020
✓ Submission of the 2019 entries to the judges:	June 1st 2020
✓ Closing date for submission of entries for year 2020:	April 1st 2021
✓ Final report of the judges for 2019 entries:	May 1st 2021
✓ Submission of the 2020 entries to the judges:	June 1st 2021
✓ Report by the Director and results for year 2019:	July 1st 2021
✓ Closing date for submission of entries for year 2021:	April 1st 2022
✓ Final report of the judges for 2020 entries:	May 1st 2022
✓ Submission of the 2021 entries to the judges:	June 1st 2022
✓ Report by the Director and results for year 2020:	July 1st 2022
✓ Final report of the judges for 2021 entries:	May 1st 2023
✓ Report by the Director and results for year 2021:	June 1st 2023

Benefits:

- Points and titles could be granted at a yearly pace (currently, the composers get the points and titles only after the full judging cycle of 3 years.)
- Smoothing the workload of the judges along the 3 years: it allows the judges to organize their work along 3 years, so they have about 33 months (or more) for the same task (*); that may also help to select problems more comfortably without any unpleasant time pressure
- It should be easier to find judges thanks to smoothing the workload since they would be less discouraged in comparison to the current workload
- Hopefully shorter delay of publication of the Album
- The question of the limit of the number of entries per composer could be studied again or re-evaluated (since this limit has been introduced to reduce workload of the judges).

(*) With the current system, assuming there are 2000 compositions submitted to a section (as for the fairies of the Album 2013-2015), the weekly workload for the judge is 26 problems/week. With the proposed system, the weekly workload will become 14 problems/week.



Vlaicu Crisan
vlaicu_crisan@yahoo.com



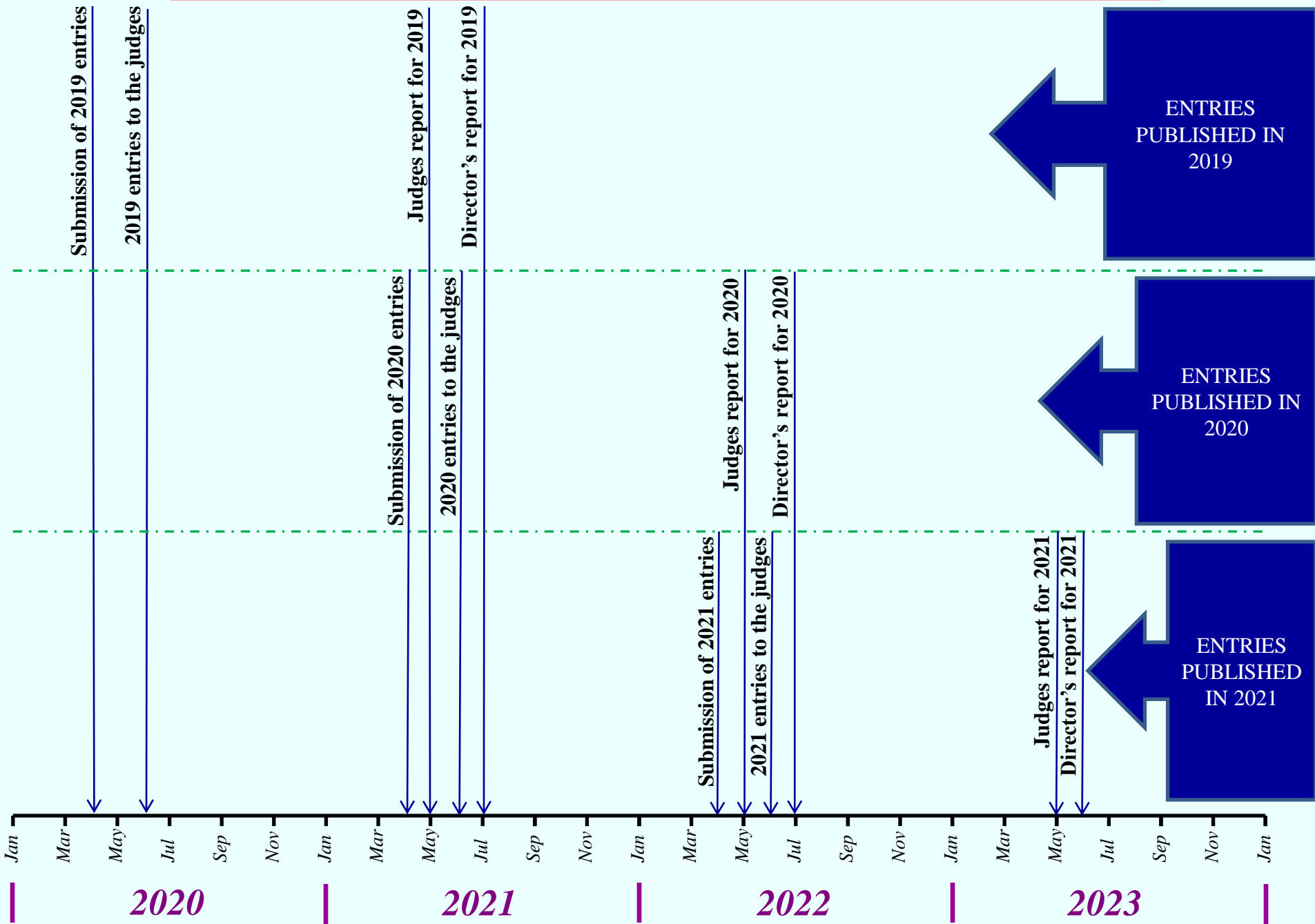
Jean-Marc Loustau
jm.loustau@orange.fr



Mario Parrinello
mario_parrinello@virgilio.it

*If you have any question, comment or objection before or during the meeting of the Committee, feel free to ask, we would provide an answer with pleasure.
Thank you for your attention.*

EXAMPLE OF SCHEDULE FOR FIDE ALBUM 2019-2021



Date : 24/07/2019

Annex 10

Ref.no : 1118/5

To: MR. Harry Fougaxis

President of World Federation for Chess Composition (WFCC)

Dear respected sir:

Sub: Application for admission of United Arab Emirates into membership of the WFCC

Since 2017, United Arab Emirates became very much involved in the field of chess composition. There were two big solving events, with more than 100 participants each, organized by the Fujairah Chess & Culture Club, under patronage of H.H. Sheikh Mohammed bin Hamad Al Sharqi – Crown Prince of Fujairah.

This year, we joined the International Solving Contest of the WFCC, with the prize fund bigger than in any other single-day chess competition in our country. Among 113 participants there were 14 Grandmasters, more than half of the participants were juniors, and there were 12 girls. To prepare our solvers, we engaged GM Marjan Kovačević to organize a series of lectures in the cities across the UAE.

The foreign guests, including the reigning World Champion Piotr Murdzia and the reigning European Champion Danila Pavlov, were delighted with the conditions in Fujairah competition.

You can find the full report about this even on the FIDE website:

<https://www.fide.com/component/content/article/4-tournaments/11426-2nd-fujairah-endurance-chess-solving-championship-2019.html>

Now we would like UAE to be officially accepted as a member of the WFCC. To assure that UAE would actively participate in the goal and the principal activities of the WFCC, we have already made a contract for the solving competitions in our country for the several more years.

As approved by UAE Ministry of sport, the UAE delegate in the WFCC would be Dr. Abdullah Ali AAL Barkat, the chairman of the Fujairah Chess and Culture Club.

Yours Sincerely,


Dr. Abdullah Ali AAL Barkat

Chairman

Fujairah Chess & Culture Club





نادي الفجيرة للشطرنج والثقافة FUJAIRAH CHESS & CULTURE CLUB



Date : 25/07/2019

Ref.no : 1119/5

To: **MR. Harry Fougiaxis**

President of World Federation for Chess Composition (WFCC)

Dear Mr. President,

We understood that UAE delegate should orally present application for admission of United Arab Emirates into official membership in the World Federation for Chess Composition, during 62nd WCCC in Vilnius, 17-24.08.2019.

Since Dr. Abdulla Ali AAL Barkat, the official delegate of UAE couldn't be present in Vilnius on the given dates, we kindly ask you to accept application of UAE without his presence. Instead, our official application would be read and presented by GM Marjan Kovačević, the delegate of Serbia in the WFCC.

Mr. Kovačević has been involved in the activities of UAE in problem chess and could rightly represent our intentions and potentials to develop chess composition in the future. He could also answer any possible questions.

Yours Sincerely,

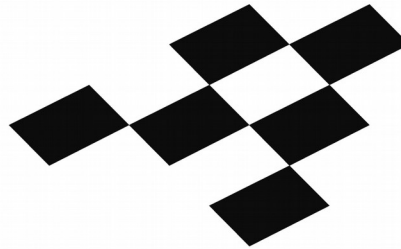
Mohammad Abdulghani

Executive Director

FUJAIRAH Chess & Culture Club



Annex 11



WORLD FEDERATION FOR CHESS COMPOSITION

Financial Report 2018-19

Budget 2018-19

	+	-
	€	€
Contribution from FIDE 2018	2'900.00	
ISC 2018		150.00
WCSC 2018		500.00
WCCC 2018		500.00
World Solving Cup 2017-18		300.00
Web sites		400.00
ECSC 2018		300.00
Special project		500.00
Banking		100.00
Other expenses		150.00
Earnings		0.00
Total	2'900.00	2'900.00

Earnings 2018-19

	+	-
	€	€
FIDE	3'500.00	
ISC 2018		140.00
WCSC 2018		500.00
WCCC 2018		500.00
World Solving Cup 2017-18		300.00
Web sites		512.36
ECSC 2018		300.00
Special project		500.00
10. WCCT 2015-17		678.84
Banking		54.72
Profit		14.08
Total	3'500.00	3'500.00

Budget 2019-20

	+	-
	€	€
FIDE	3'000.00	
ISC 2019		300.00
WCSC 2019		500.00
WCCC 2019		500.00
World Solving Cup 2018-19		300.00
Web sites		400.00
WCCI 2016-18		500.00
10. WCCT 2015-17		300.00
Banking		100.00
Other expenses		100.00
Earnings		0.00
Total	3'000.00	3'000.00

Financial Report 30.06.2019

Assets			Liabilities and Equity		
	CHF	€		€	€
Bank		5'977.56	Creditors		5'437.03
			Equity 01.07.2018	3'526.44	
Debtors		3'000.00	Profits since 01.07.2018	14.08	
			Equity	3'540.52	3'540.53
Total		8'977.56			8'977.56